

How to Identify a Vector Problem in Stormwater Treatment Devices

And more.....



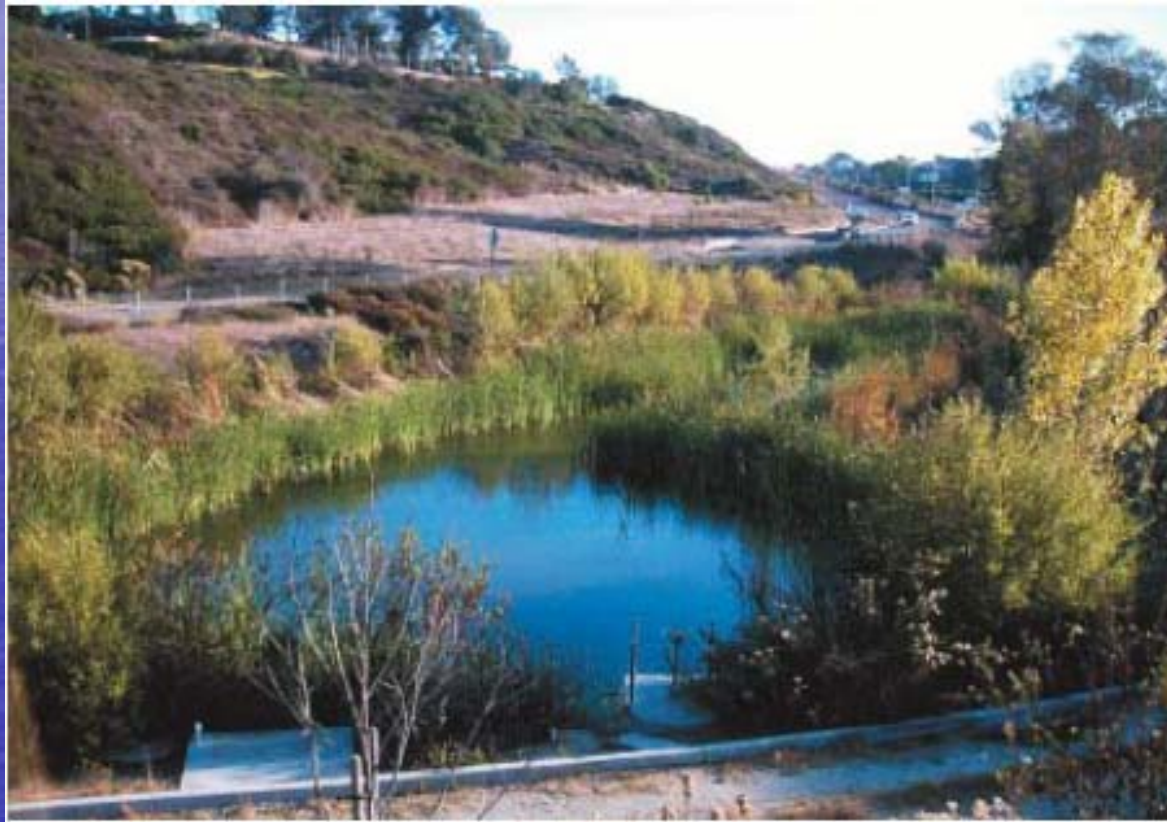
Agenda

- BMPs-mosquito concern?
- ID problems & potential problems
- Recommendations for home/property owners
- How you can help Vector Control

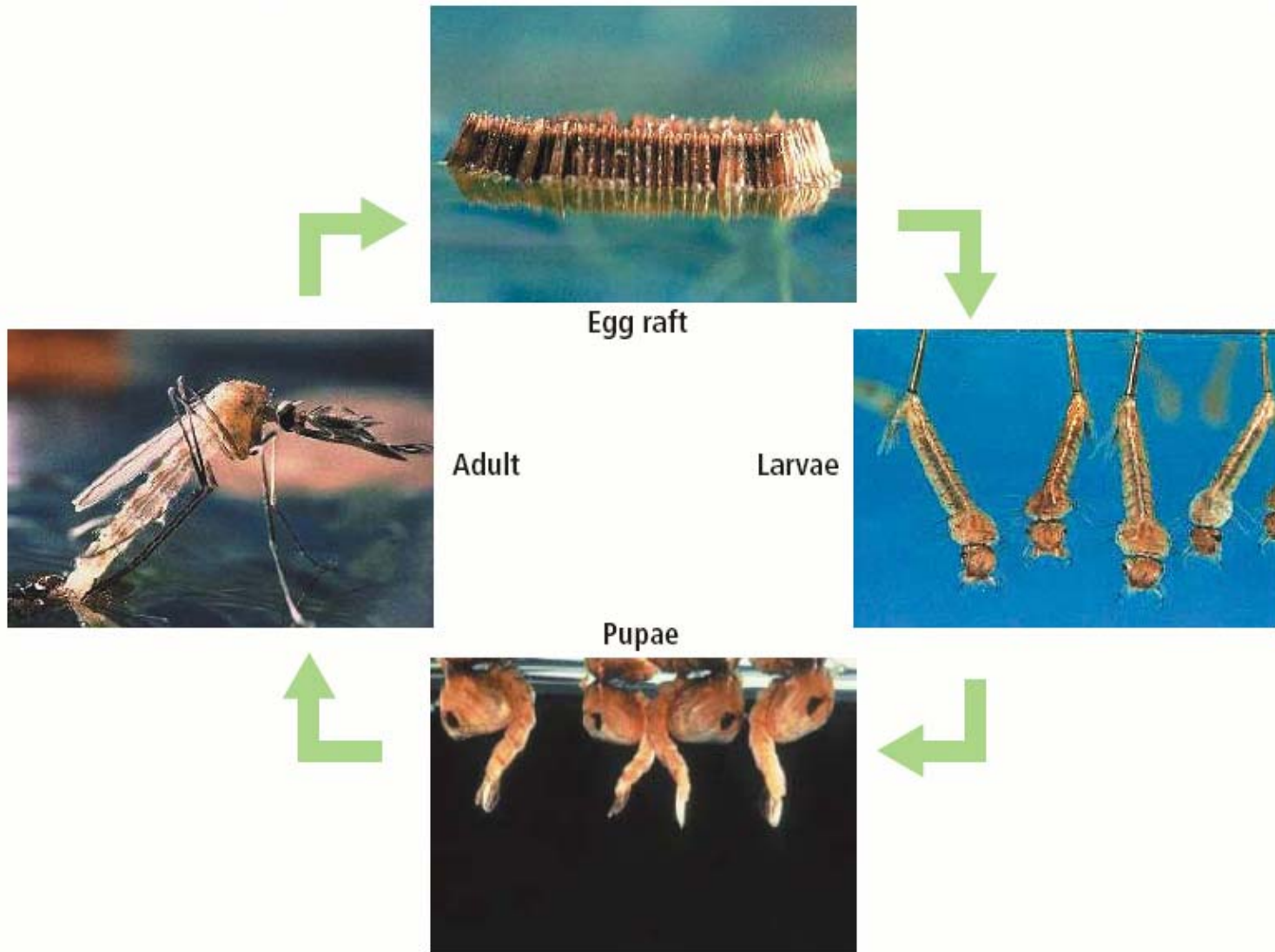


Why Are Stormwater Treatment Devices A Problem?

- Made to hold water



Mosquito Life Cycle



"good mother"

Everything a mosquito could want!



Nutrient-rich, stagnant water and

Protection from:

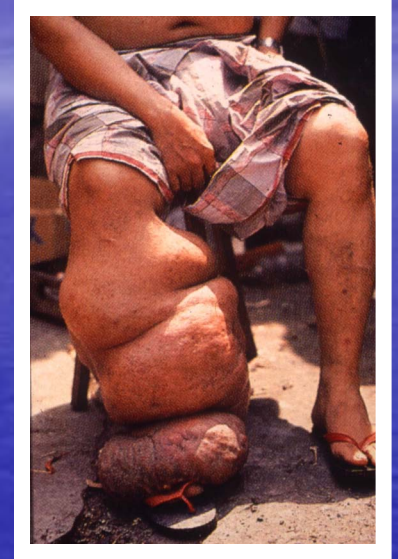
- ✓ Predators
- ✓ Surface disturbances
- ✓ Detection

Easy access for mosquitoes but not Vector Control



Why is mosquito management important?

- Prevent disease transmission
- Maintain quality of life



Mosquito or somethin' else?



midge



Crane fly

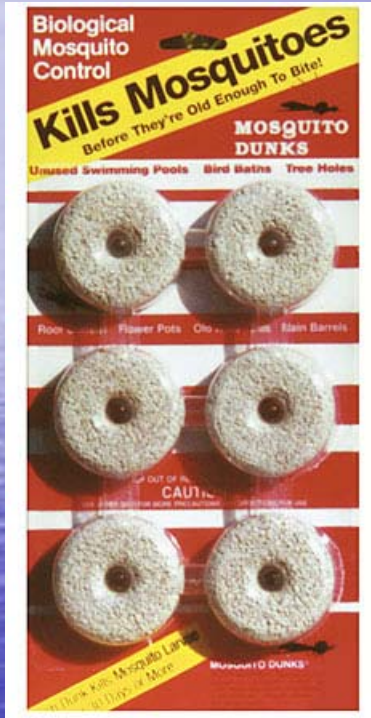
“Red Flags” for possible mosquito source

- Lots of organic matter &/ vegetation
- Water not moving or slow moving
- Small surface area
- Sump or vault with opening $>$ than 1/16”
- Shallow ponds
- Uneven base
- Riprap
- Submerged inlet and/or outlet

Recommendations for Property & Homeowners

- Maintain rapid discharge of water (prefer no more than 72 hours) Or continual water flow
- Check discharge drain for clogging and sediment
- Deny mosquitoes access (any opening less than 1/16")
- Control vegetation

Available to Property & Homeowners



Mosquitofish



- They're free
- We deliver!

What Can You Do To Help Us?

- Report mosquito problems
- Keep us informed of new and proposed systems
- List of Contacts in your city/town



Let's be Proactive,



Not Reactive!





Santa Clara County Vector Control Contacts:

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Acknowledgements

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"Managing Mosquitoes in Stormwater Treatment Devices"

- UC Davis