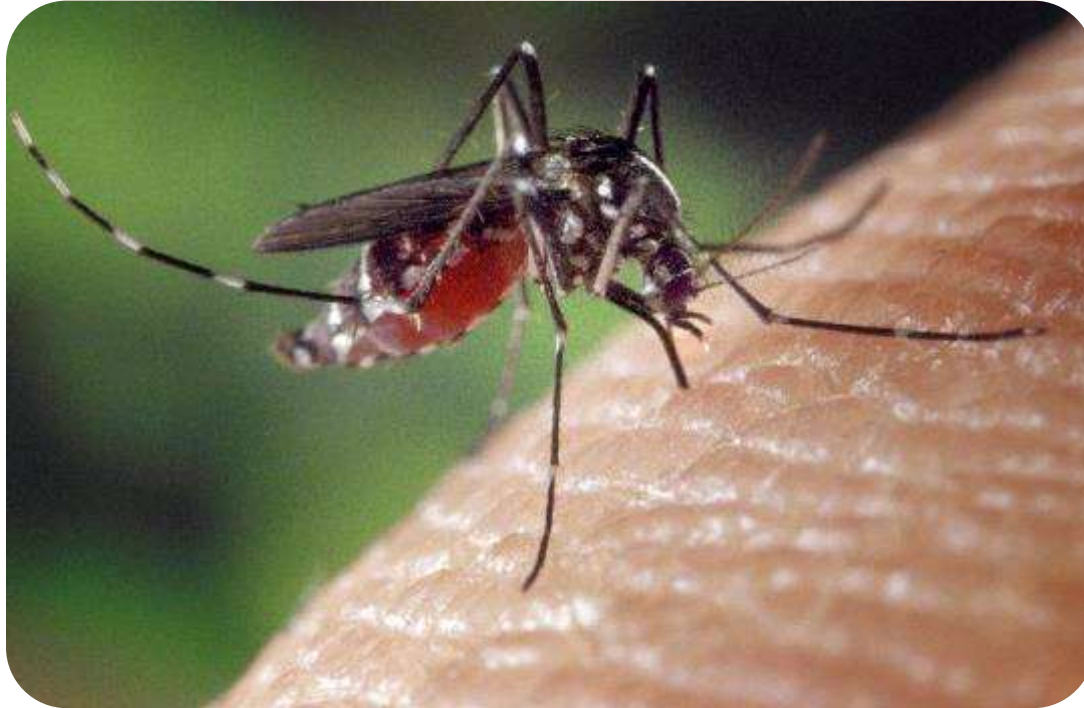


Mosquito Threats in Porter Ranch

West Nile Virus and Zika



Presented by
Kelly Middleton, Director of Community Affairs



Why Porter Ranch?

High Risk Areas in Greater Los Angeles County Vector Control District 2017



Higher than average WNV activity + increased Aedes threat

- La Mirada
- San Fernando
- Santa Fe Springs
- South El Monte
- Valley Village
- Whittier

Tier 1

Higher than average WNV activity

- Burbank
- Canoga Park
- Cerritos
- Encino
- Lakewood
- Mission Hills
- North Hills
- North Hollywood
- Northridge
- Panorama City
- Porter Ranch
- Sherman Oaks
- Studio City
- Van Nuys

Tier 2

Other Cities/Communities in GLACVCD will follow standard outreach strategy

Strategy to prioritize communities will be adjusted depending on viral activity, mosquito populations, and other environmental factors.

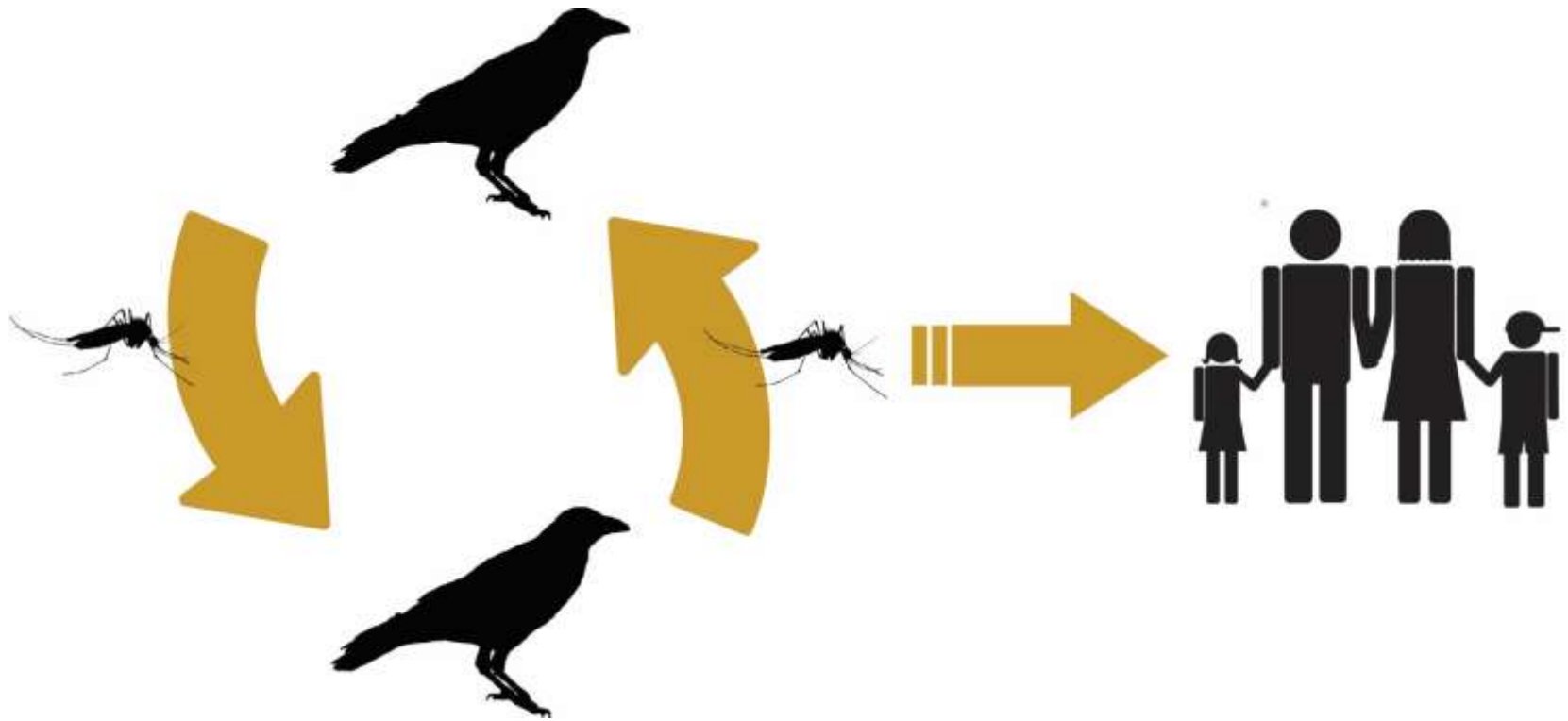
As of March 2017

cvcd.org



West Nile Virus Transmission Cycle

Transmitted by native *Culex* mosquitoes



West Nile Virus Symptoms

Transmitted by native *Culex* mosquitoes



1 in 5 will show symptoms

Flu-like symptoms

- **Fever**
- **Headache**
- **Body aches**
- **Rash**

1 in 150 people require hospitalization

Can progress:

- Coma
- Paralysis
- Death



West Nile Virus

It is Endemic: *Here to stay*

- **Greatest Risk:** those over 65 years, and those with weakened immune systems.
- **Medical Cost:** At least \$8,000 (Outpatient) to \$42,000 (Inpatient)*



No vaccine, No cure

*Barber, L., Peterson, R., Schleier, J. (2010). Economic Cost Analysis of West Nile Virus Outbreak. Emerging Infectious Diseases.



Invasive *Aedes* Mosquitoes



NOT “80’s Mosquito”

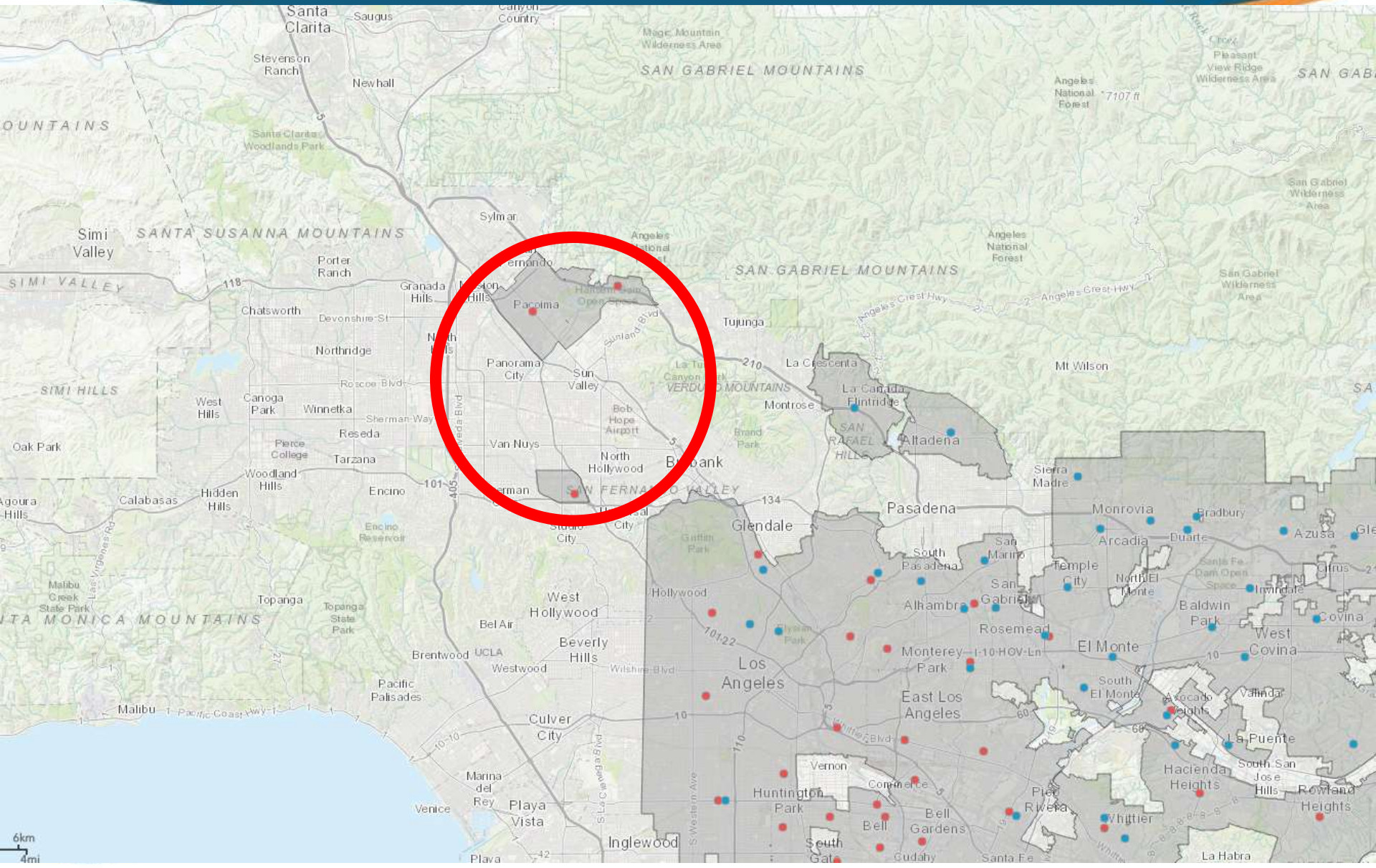


Invasive *Aedes* Mosquitoes

**About half the size of
our native *Culex*
mosquitoes!**

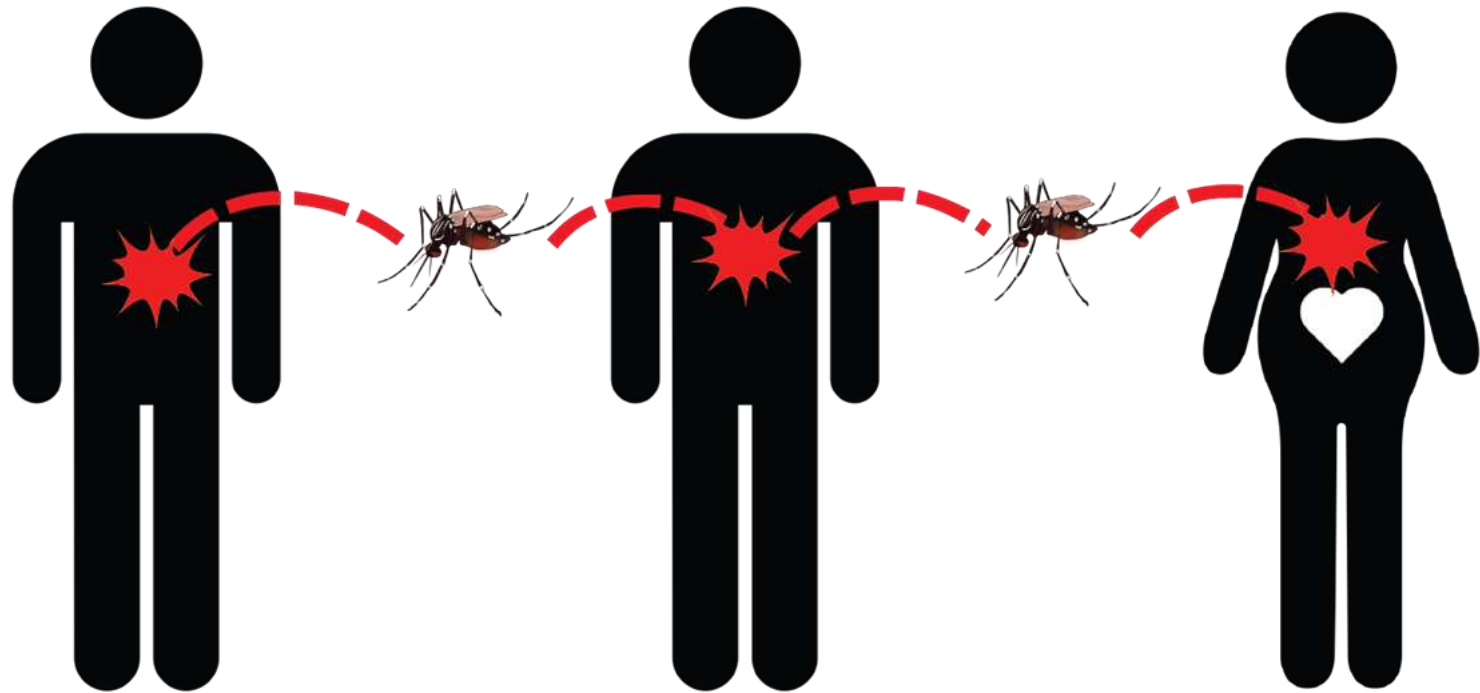


Invasive Aedes Mosquitoes in LA County



Concern 1: *Aedes* Mosquitoes Transmit Zika Virus

No confirmation of local outbreak, BUT the mosquitoes are here and Zika infected travelers have come to LA County.



Zika can also be sexually transmitted



Concern 2: They Will Thrive With People - *Aedes* Egg Laying Behavior



Individual mosquito eggs stuck on plant stems
or sides of containers

Complete life cycle in 7
days!

Aedes mosquito eggs stay
alive for many years

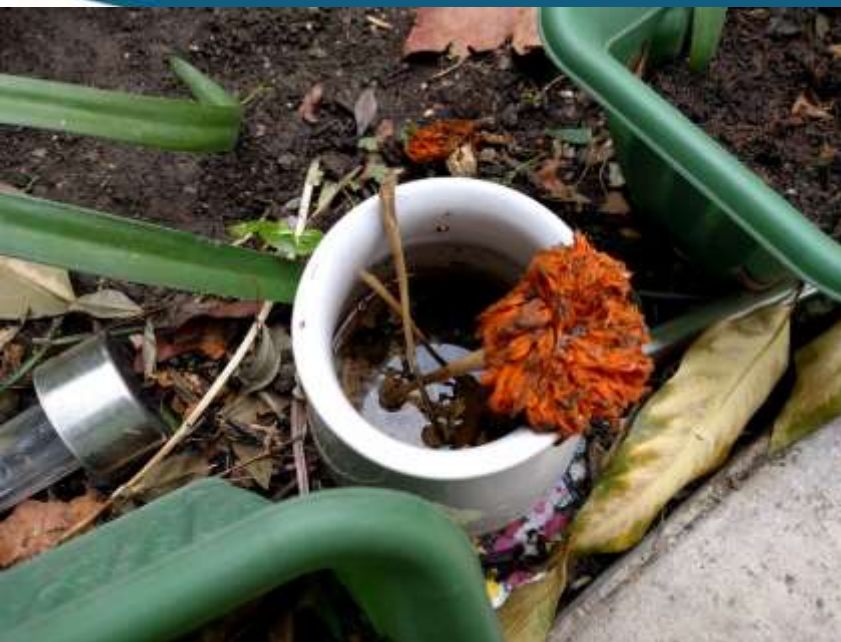


West Nile Virus, Zika, annoying mosquitoes... What Can We Do, Anyway?

No Need to Hide.



Don't Let Mosquitoes Live Around Your Home



Don't Let Mosquitoes Live Around Your Home



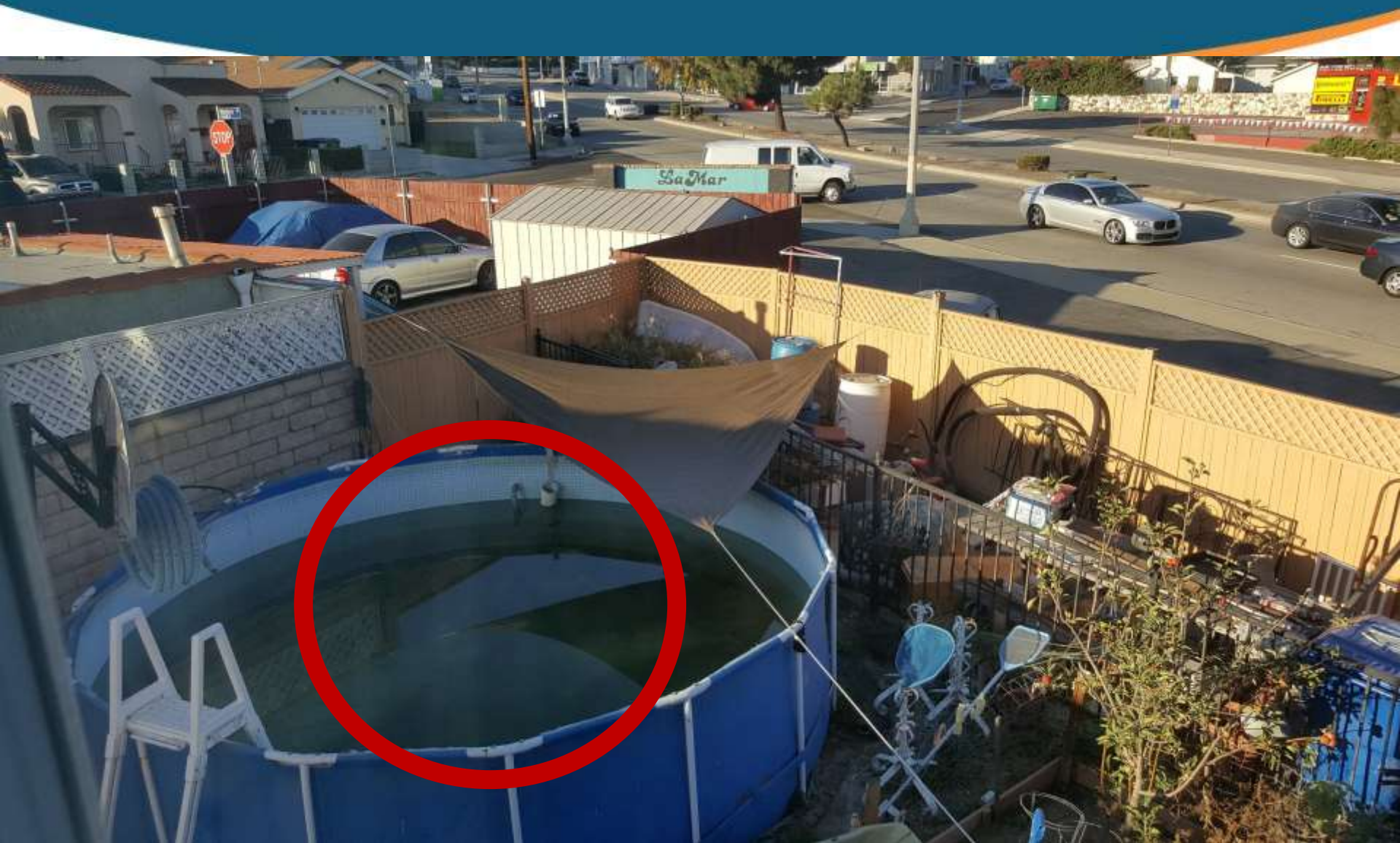
Don't Let Mosquitoes Live Around Your Home



Don't Let Mosquitoes Live Around Your Home



Don't Let Mosquitoes Live Around Your Home



Don't Let Mosquitoes Live Around Your Home



Don't Let Mosquitoes Live Around Your Home



Don't Let Mosquitoes Live Around Your Home



Effective Repellent



Effective and long-lasting repellent contains one of the following proven EPA-registered active ingredients

DEET

IR3535

**OIL OF LEMON
EUCALYPTUS**

PICARIDIN

In addition, choose repellents based on these factors:

- Length of time you need protection
- % active ingredient as listed on product label

**Always read and follow label directions
when applying repellent.**



CONTACT

Greater Los Angeles County Vector Control District
Sylmar, CA | Santa Fe Springs, CA

**INSPECTIONS & ASSISTANCE
AT NO EXTRA CHARGE:**

562-818-364-9589

www.ReportMosquitoes.org

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