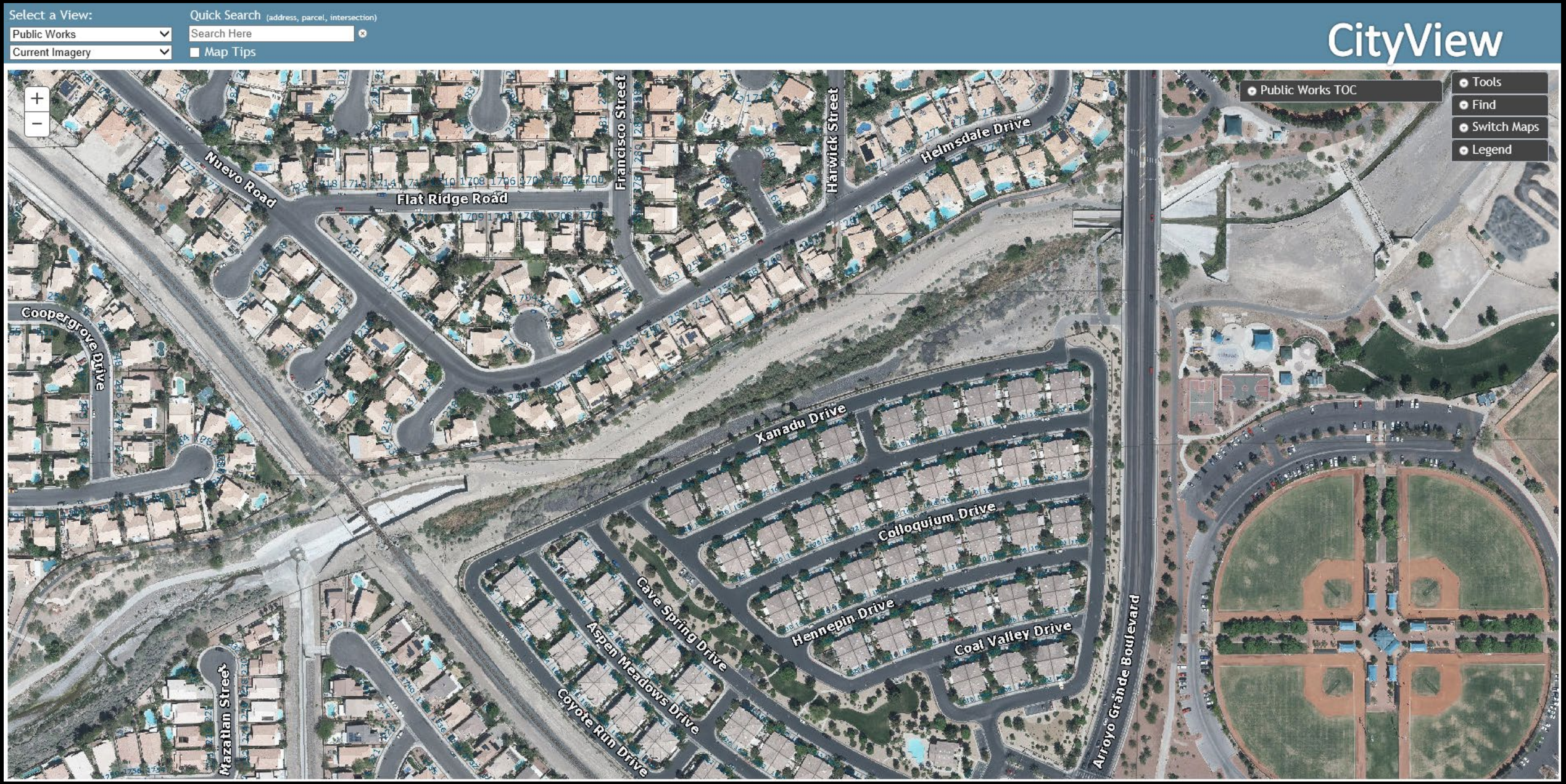
June 17, 2020

Upper Pittman Wash Stakeholder Group Meeting

Review of Current Flood Control Maintenance Activity



UPRR Trestle to Arroyo Grande

UPRR Trestle to Arroyo Grande

(looking north-westerly from Arroyo Grande)

April 20, 2020

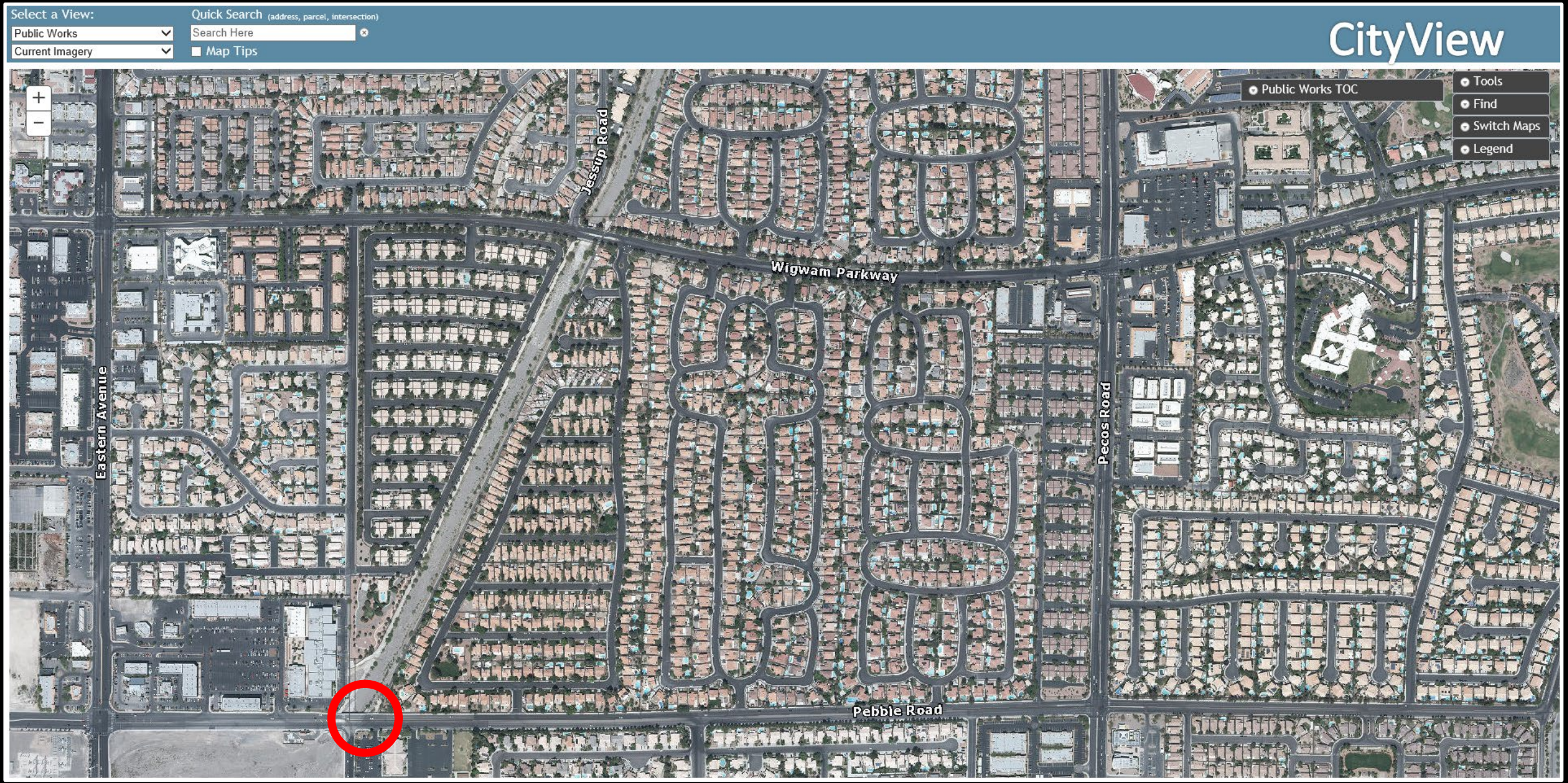
June 17, 2020

UPRR Trestle to Arroyo Grande

(looking south-easterly)

April 20, 2020

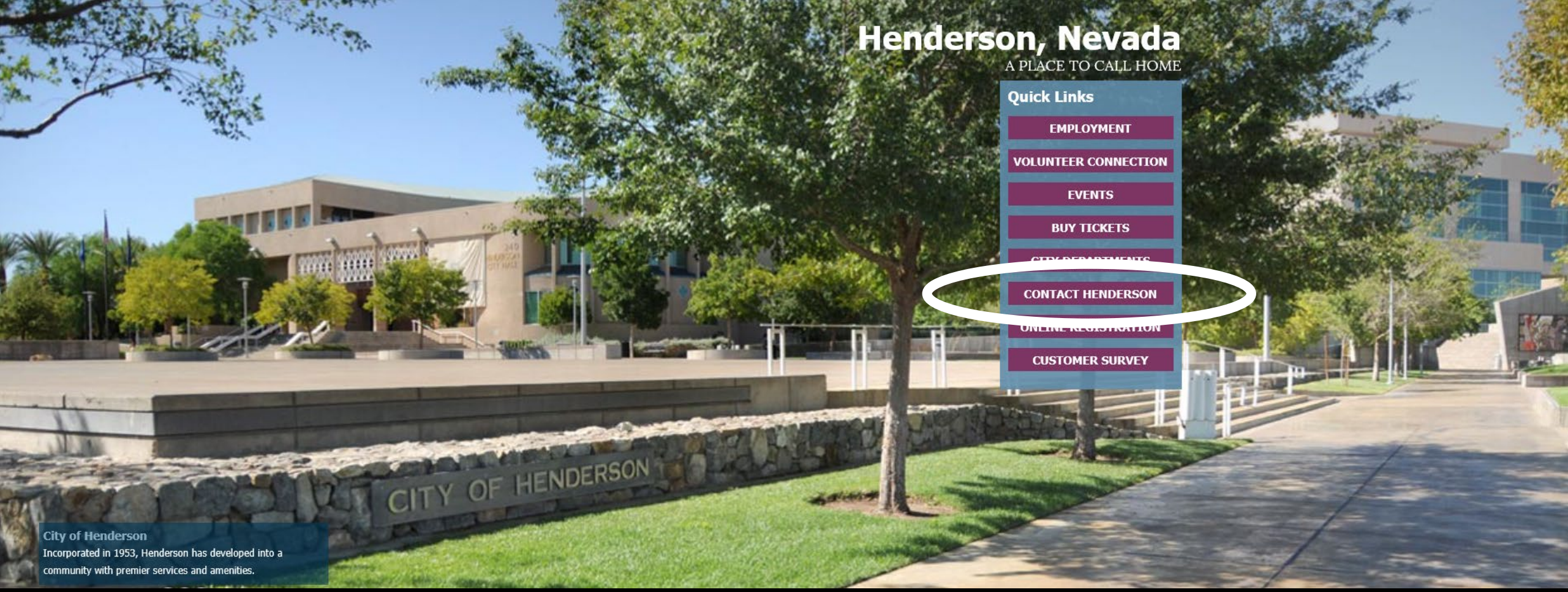
June 16, 2020



Pebble to Wigwam

Pittman Wash at Pebble - cleanup

Pittman Wash at Pebble - cleanup



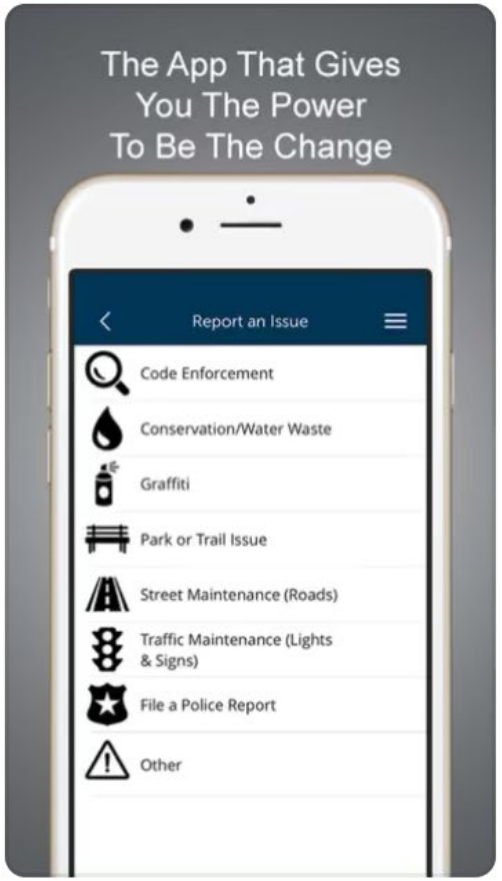
Contact Henderson

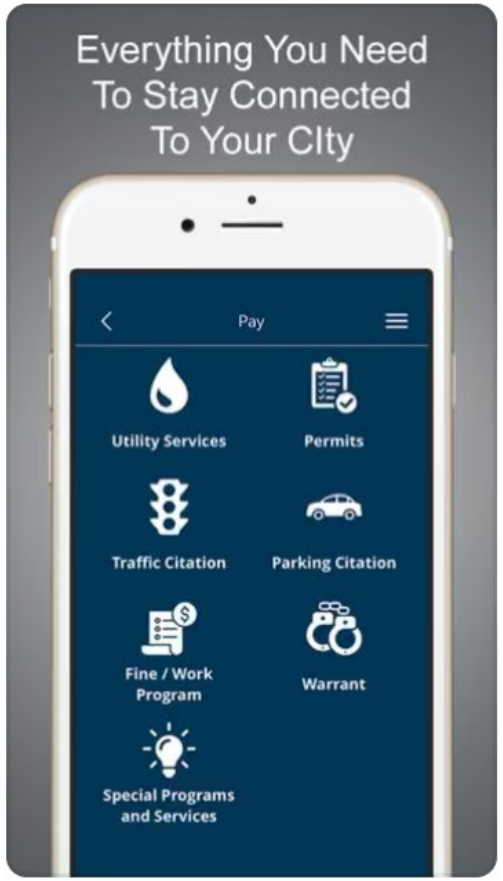
Download the app on your smart phone or use the portal on the webpage at www.cityofhenderson.com

City of Henderson, NV

Productivity

★★★★☆ 5





NEW
Henderson App

Pittman Wash webpage

www.cityofhenderson.com/PittmanWash

Henderson City Hall is currently closed to visitors.
For information and updates on COVID-19, call 702-267-INFO or click here.
Hide

Pittman Wash Public Outreach

Pittman Wash Maintenance

To protect public infrastructure, private property, and the health and safety of citizens and visitors, annual maintenance is performed along the Pittman Wash to remove woody, invasive and noxious vegetation.

Work will take place October-March between Pecos Road and Arroyo Grande Boulevard.

Pittman Wash Management Criteria

Pittman Wash - examples of routine maintenance

Before maintenance the manhole is blocked by vegetation which can interrupt water flow

After maintenance the manhole is cleared of vegetation helping to ensure proper water flow

Pittman Wash Stakeholder Group

The City of Henderson has established a stakeholder group to help keep neighbors adjacent to the Pittman Wash informed about the maintenance programs being performed by the City's Parks and Recreation, Utilities, and Public Works Departments.

The Stakeholder Group meets monthly and is comprised of one representative from most communities adjacent to the Wash between Pebble Road and Arroyo Grande Boulevard. Participating representatives will

LIVE OPERATOR Online
© 2017 City of Henderson | Privacy Policy | Contact Henderson | Accessibility
Select Language

CityofHenderson.com
The Official Website of the City of Henderson, Nevada
PAY CALENDAR NEWS MAPS JOBS CONTACT
RESIDENTS VISITORS GOVERNMENT BUSINESS HAPPENINGS
Henderson City Hall is currently closed to visitors.
For information and updates on COVID-19, call 702-267-INFO or click here.
Hide

share information from each meeting with their community.

Meetings

Date	Topic
August 2019	History, purpose and flood control regulations of Pittman Wash
September 2019	Upcoming flood control maintenance
October 2019	Vegetation
November 2019	General Management Criteria for the maintenance of unlined flood control channels
December 2019	Fire hazards and fuel reduction
January 2020	Maintenance responsibility/mapping questions (survey right-of-way)
February 2020	Sewer maintenance and its importance in the wash

Meeting Presentation Materials

August 2019

- 08-21-19 Agenda Upper Pittman Wash Stakeholder Group
- Flood Control Regulations for Maintenance Activity (Pittman Wash 08-21-19) presentation
- History & Purpose (Pittman Wash 8-21-19) presentation

September 2019

- 2019--09-18 Agenda Upper Pittman Wash (Stakeholder Group)
- 2019--09-18 Upcoming Flood Control Maintenance presentation

October 2019

Pittman Wash webpage

www.cityofhenderson.com/PittmanWash

Southern Nevada Health District

Vivek Raman

Mosquito & Rodent Prevention

Vivek Raman, SNHD

June 17, 2020

Overview

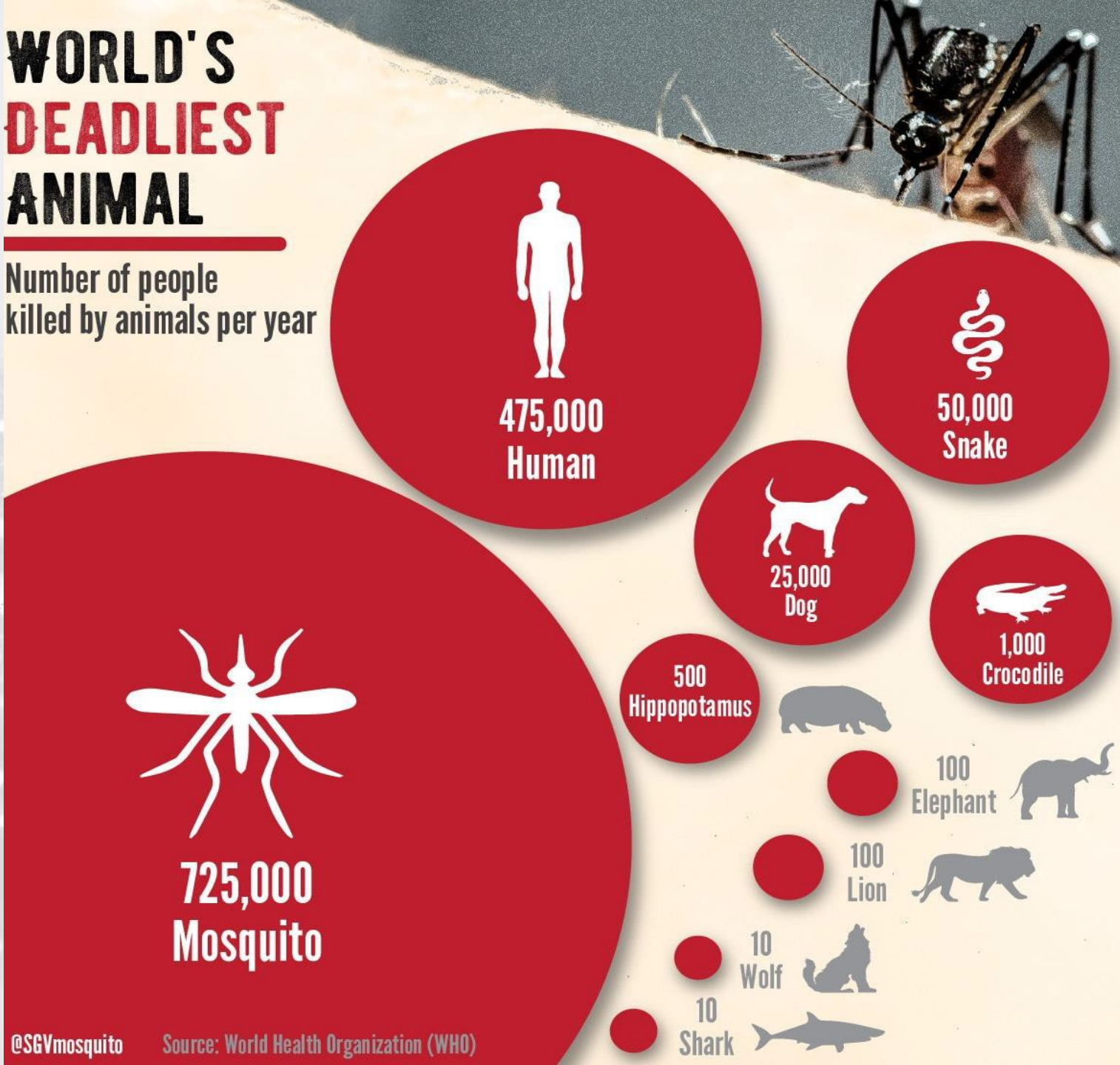
Mosquito Surveillance

Pittman Wash

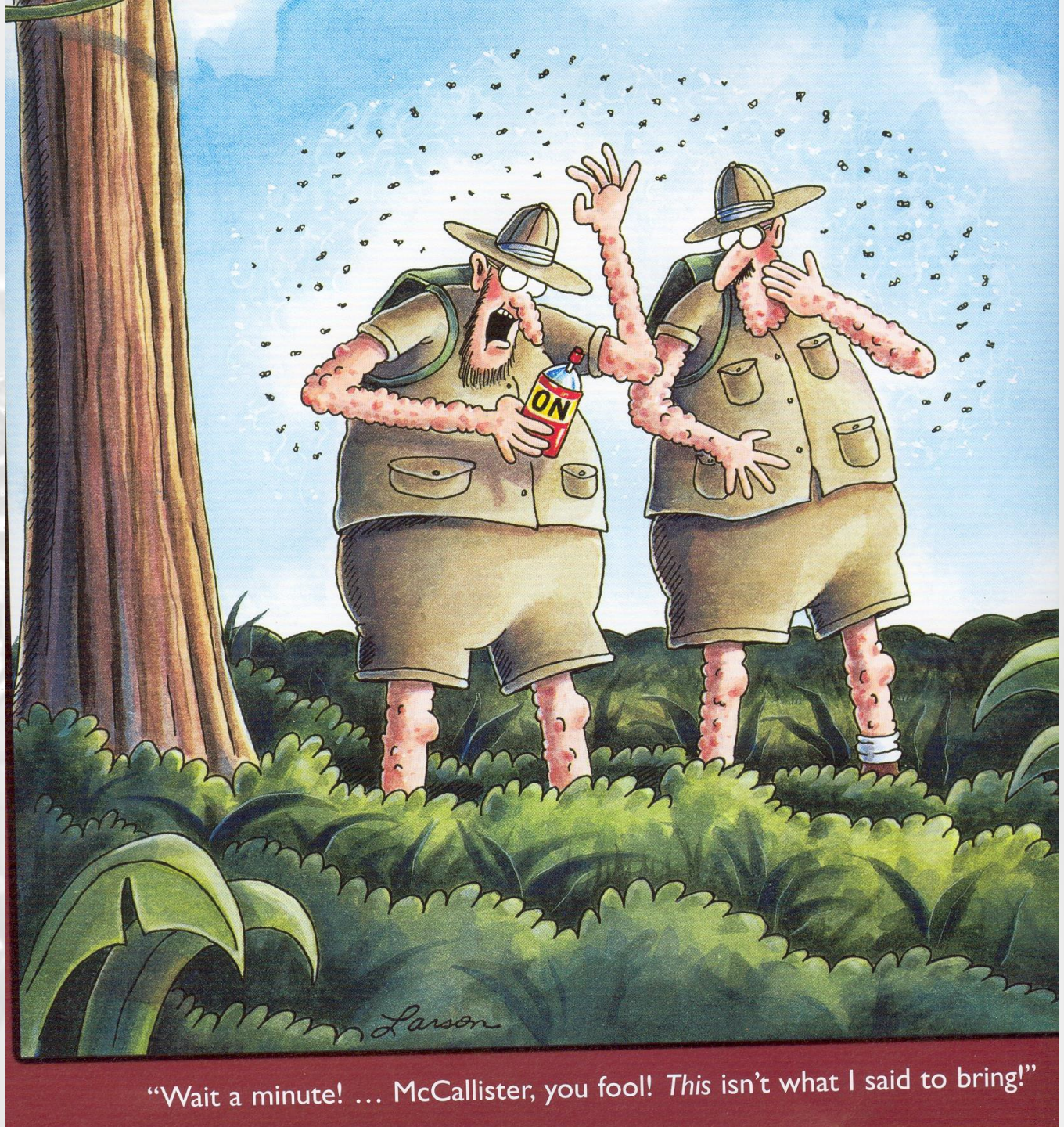
West Nile Virus

Rodent Prevention

Why Mosquito Surveillance?



Prevention starts with you!



"Wait a minute! … McCallister, you fool! *This* isn't what I said to bring!"

Protect yourself from mosquito bites

Daytime is most dangerous

Mosquitoes that spread chikungunya, dengue, and Zika are aggressive daytime biters. They can also bite at night.

Use insect repellent

It works!

Look for the following active ingredients:

• DEET • PICARIDIN • IR3535

Wear protective clothes

Wear long-sleeved shirts and long pants and use insect repellent. For extra protection, treat clothing with permethrin.

Mosquito-proof your home

Use screens on windows and doors. Use air conditioning when available. Keep mosquitoes from laying eggs in and near standing water.

For more information:

www.cdc.gov/chikungunya • www.cdc.gov/dengue • www.cdc.gov/zika

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

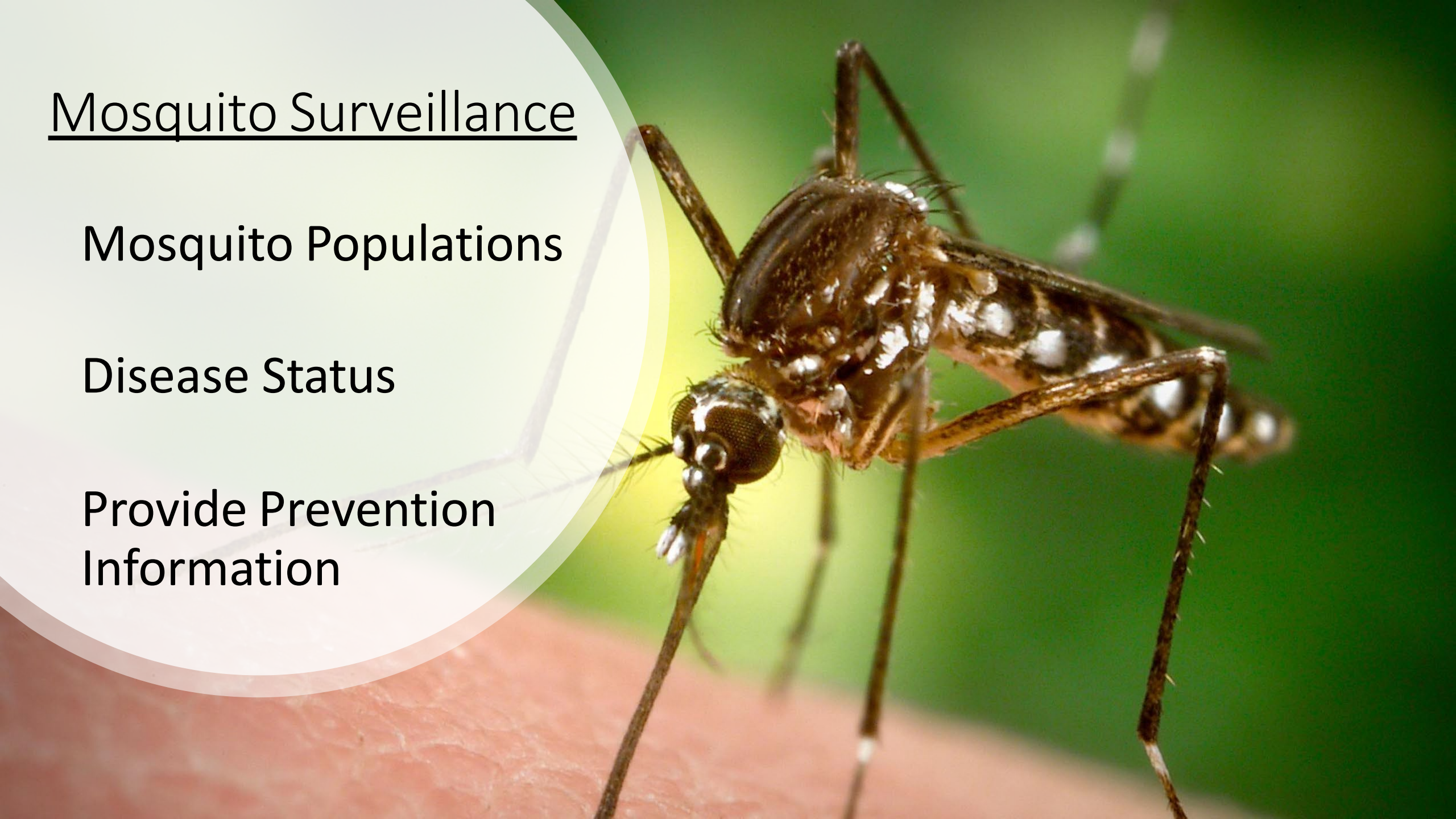
CS22694-B

Mosquito Surveillance

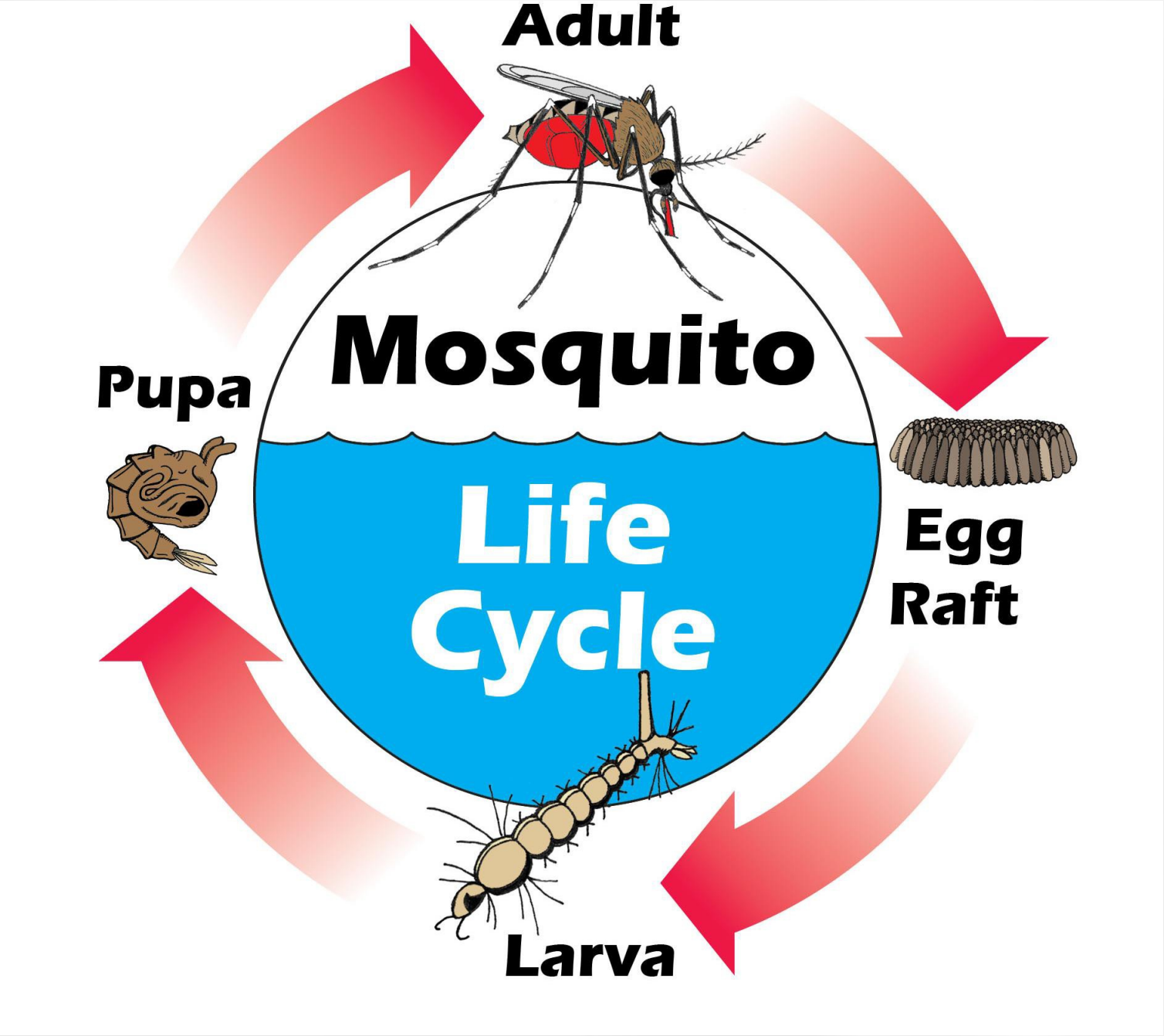
Mosquito Populations

Disease Status

Provide Prevention Information



- Typically 7-10 days
- Light and temperature
- Interventions critical when in aquatic stage



Midge Fly

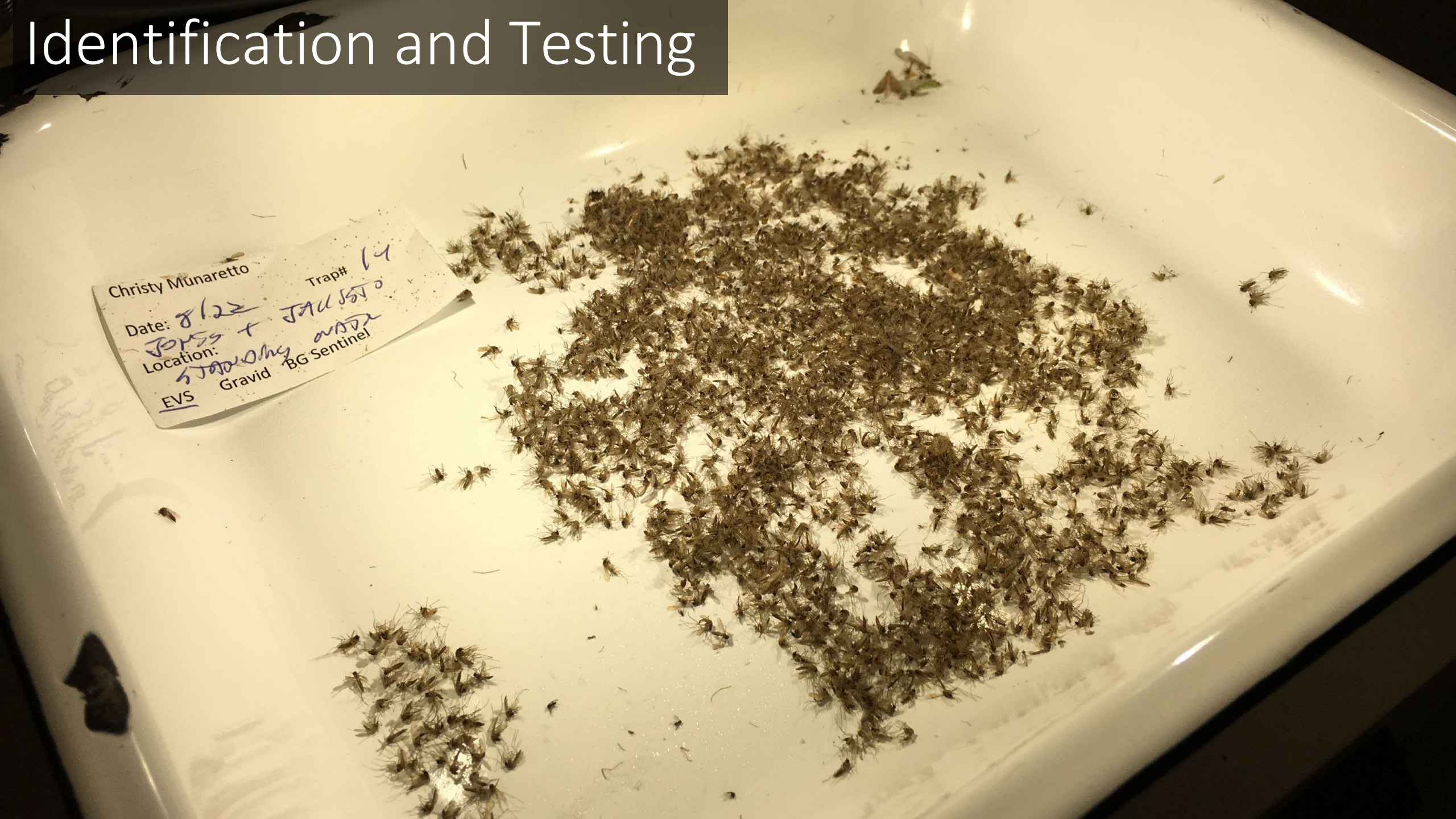
Crane Fly

Dry Ice Trap

Gravid Trap

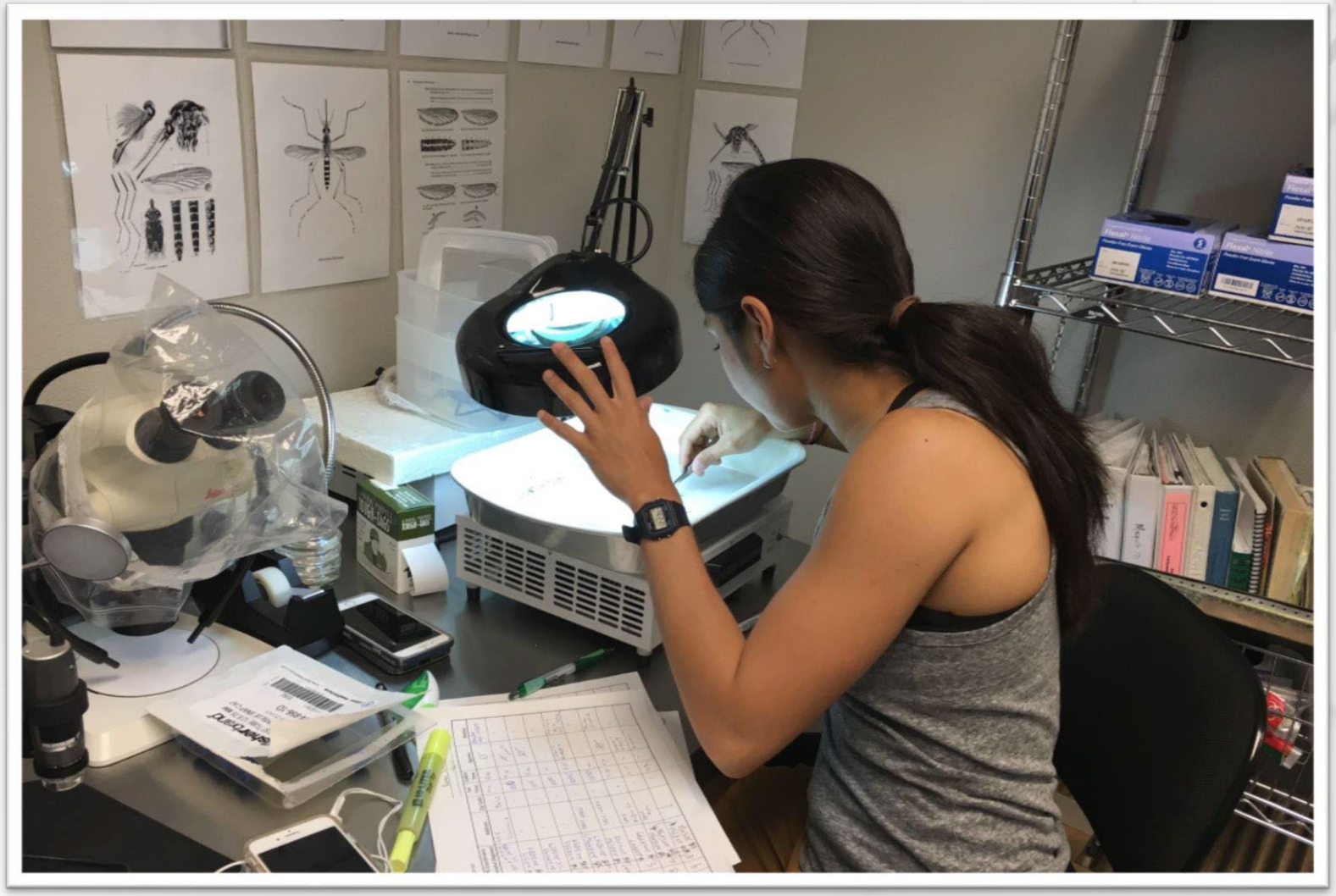
BG –Sentinel Trap

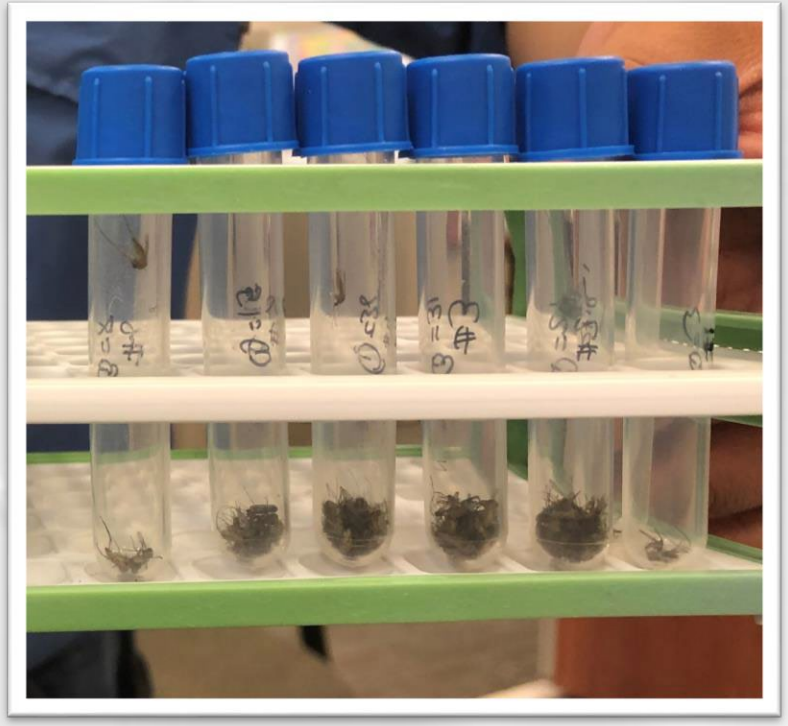
Identification and Testing



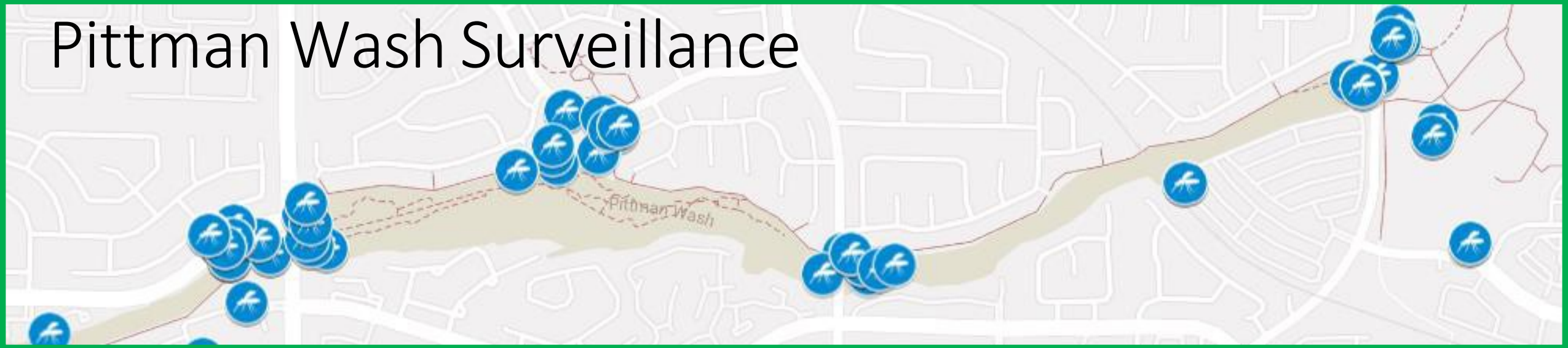
02 14:50:02

Identification and Testing





Pittman Wash Surveillance



Windmill & GVP

11/22/2006 10:40

STOP
carefree
07/25/2016 14:13

Not An Abatement Agency

Integrated Mosquito Management

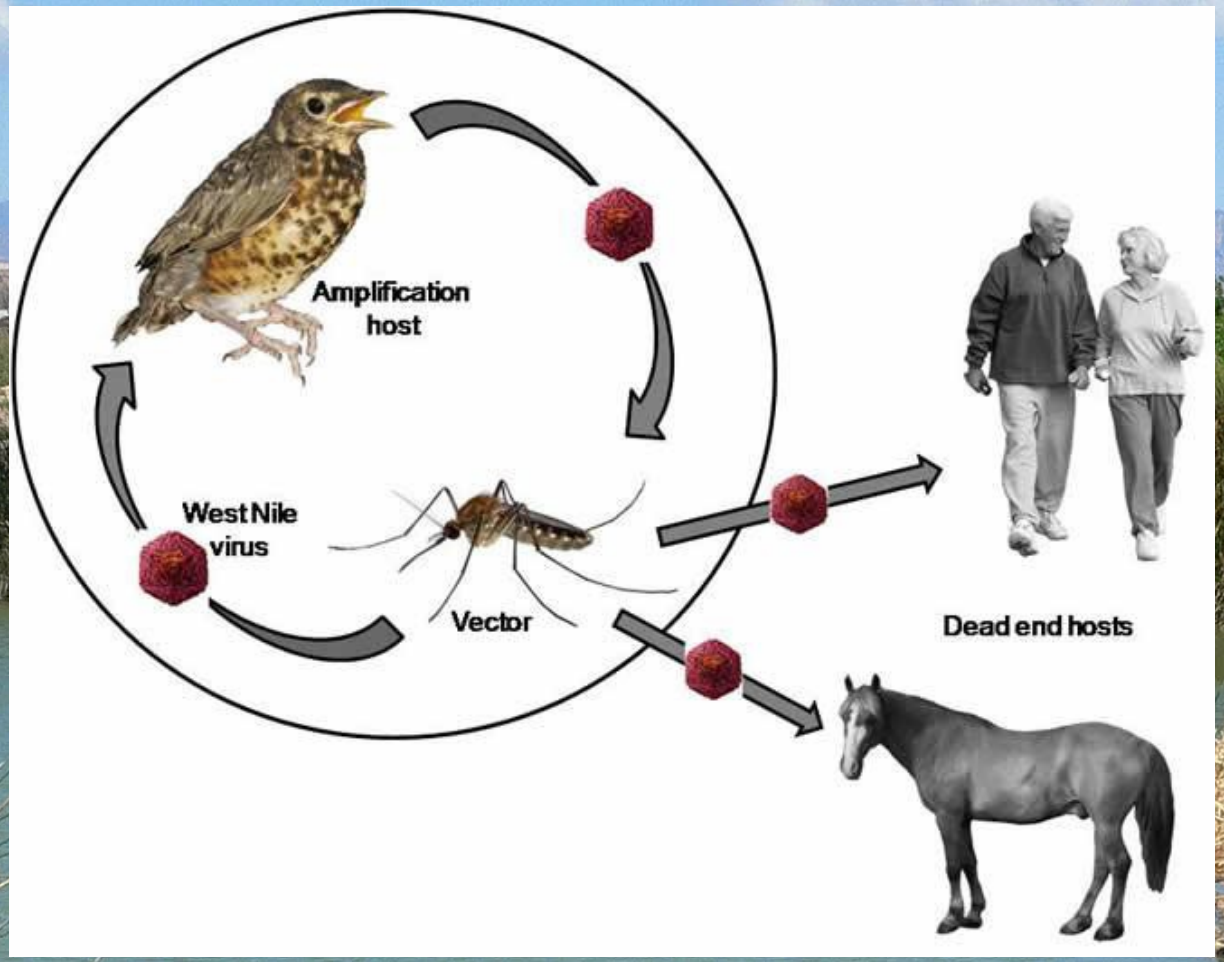
- **Conduct spot larval treatments**
- **Jurisdictional referrals for environmental remediation**
- **Minimal abatement supplies/ equipment for emergencies**

Mosquito Diseases

Mosquito Bite Prevention (United States)

Not all mosquitoes are the same. Different mosquitoes spread different viruses and bite at different times of the day.

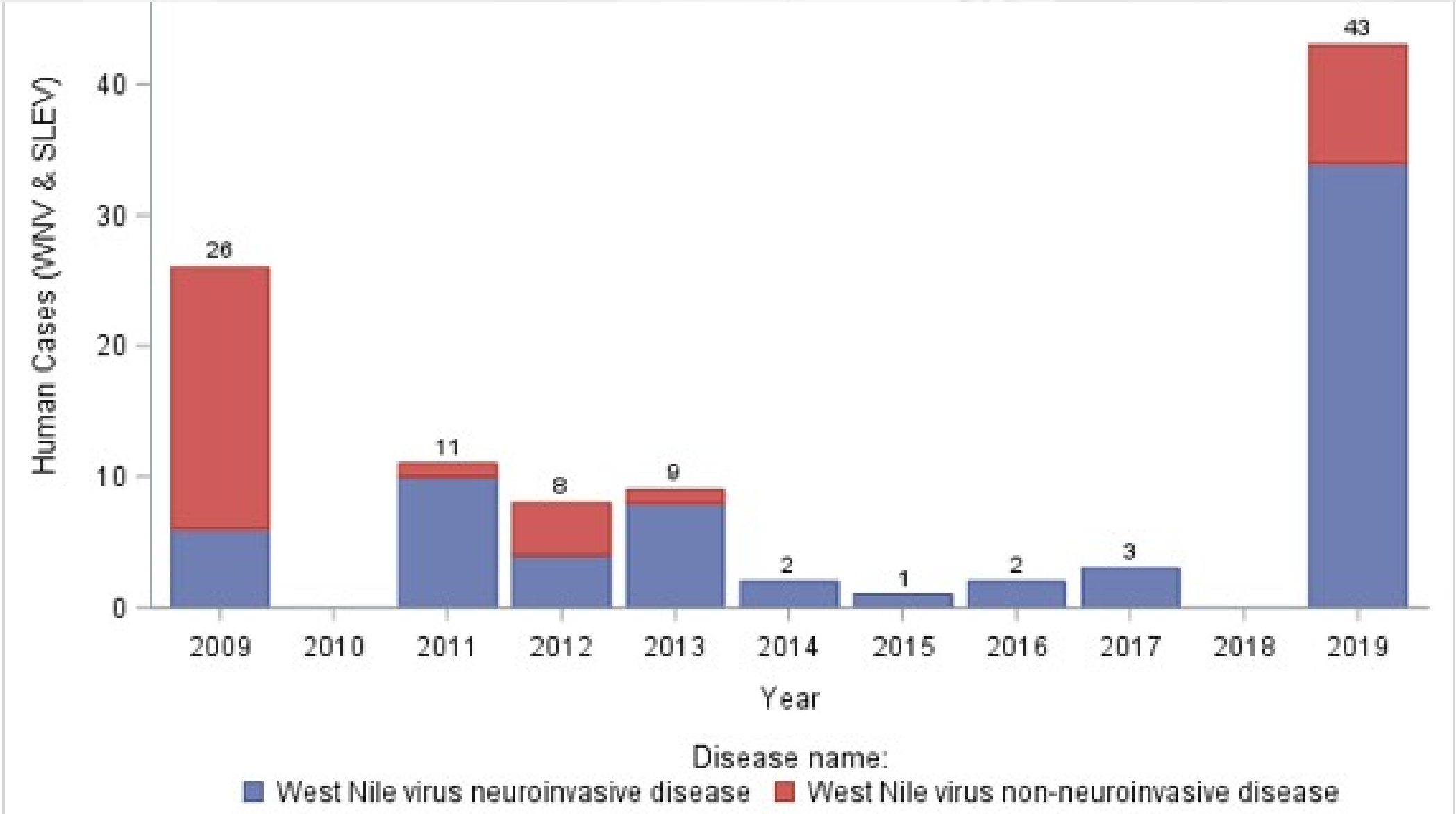
Type of Mosquito	Viruses spread	Biting habits
Aedes aegypti, *Aedes albopictus*	Chikungunya, Dengue, Zika	Daytime
Culex species	West Nile	Dusk (evening) to dawn (morning)


Amplification
host
West Nile
virus
Vector
Dead end hosts

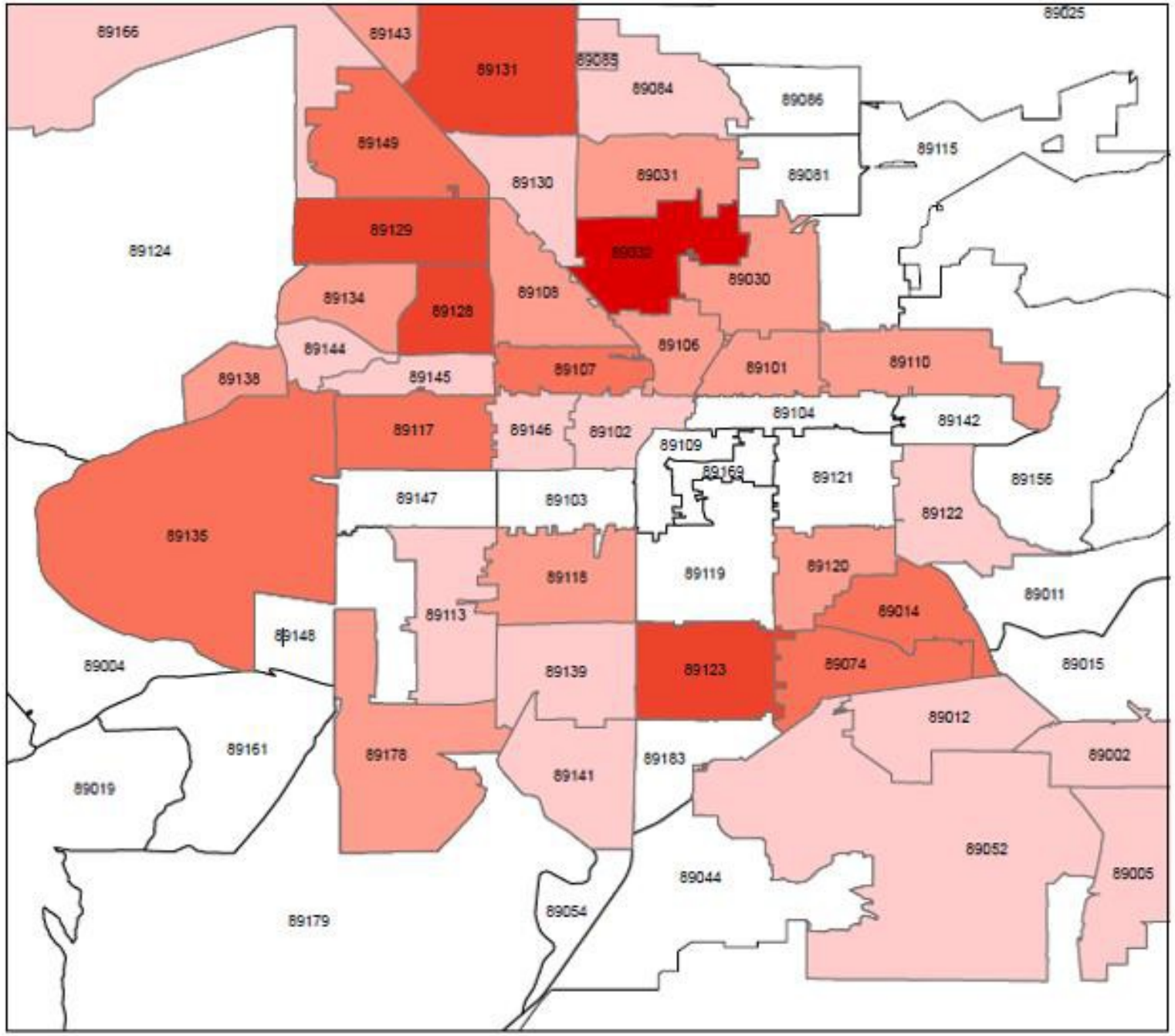
West Nile Virus & St. Louis Encephalitis

- **Affects the Central Nervous System**
- **3-14 day incubation period**
- **4 out of 5 no symptoms**
  - **Mild symptoms - fever, aches, rash**
- **1 in 150 will develop severe symptoms**
  - **High fever, disorientation, coma, paralysis**
- **Immune compromised, young & elderly**

2019 – WNV Human Cases



Map 1: West Nile Virus Activity, Clark County NV



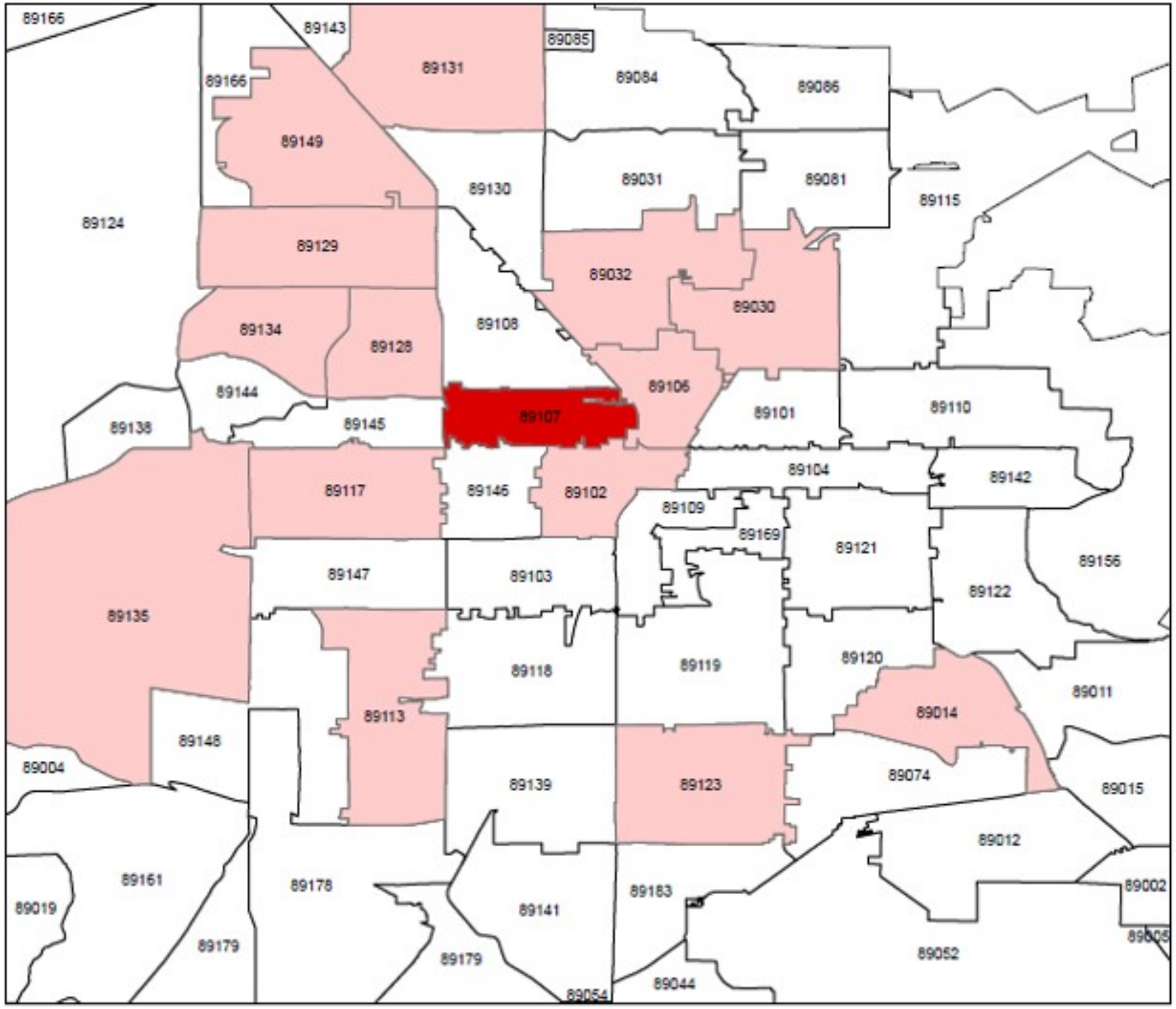
2019

West Nile Virus

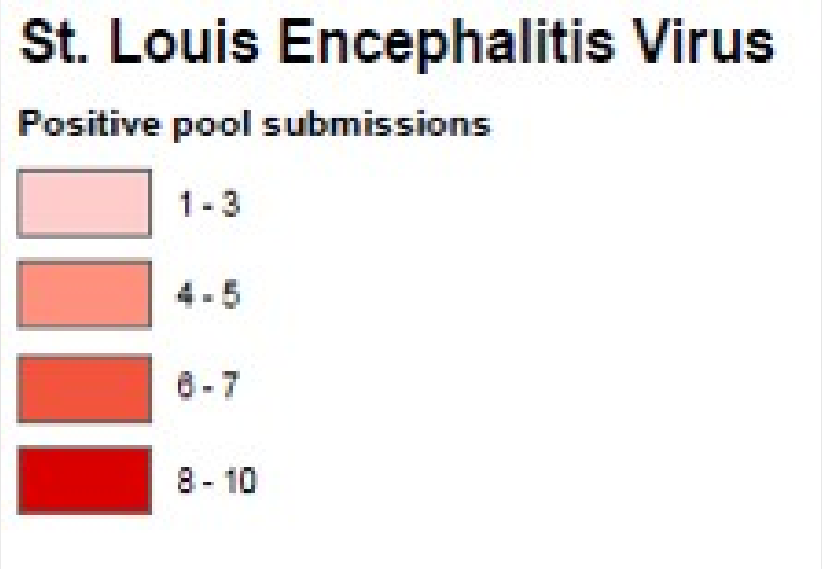
Positive pool submissions

- 1 - 3
- 4 - 7
- 8 - 19
- 20 - 41
- 42 - 73

Map 2: St. Louis Encephalitis Virus Activity, Clark County NV



2019



- Mosquito Surveillance
- Annual Mosquito Surveillance Reports
- Mosquito Bite Prevention
- Mosquito Breeding Prevention
- Mosquito Lifecycle
- Mosquito Surveillance DUET® Adulticide Frequently Asked Questions

Mosquito Surveillance

West Nile Virus, a mosquito borne disease, was first identified in Clark County in 2004. In response to this public health threat, the Southern Nevada Health District developed a Vector Surveillance program to survey mosquito populations for diseases including West Nile Virus (WNV), Western Equine Encephalitis (WEE), and Saint Louis Encephalitis (SLE).

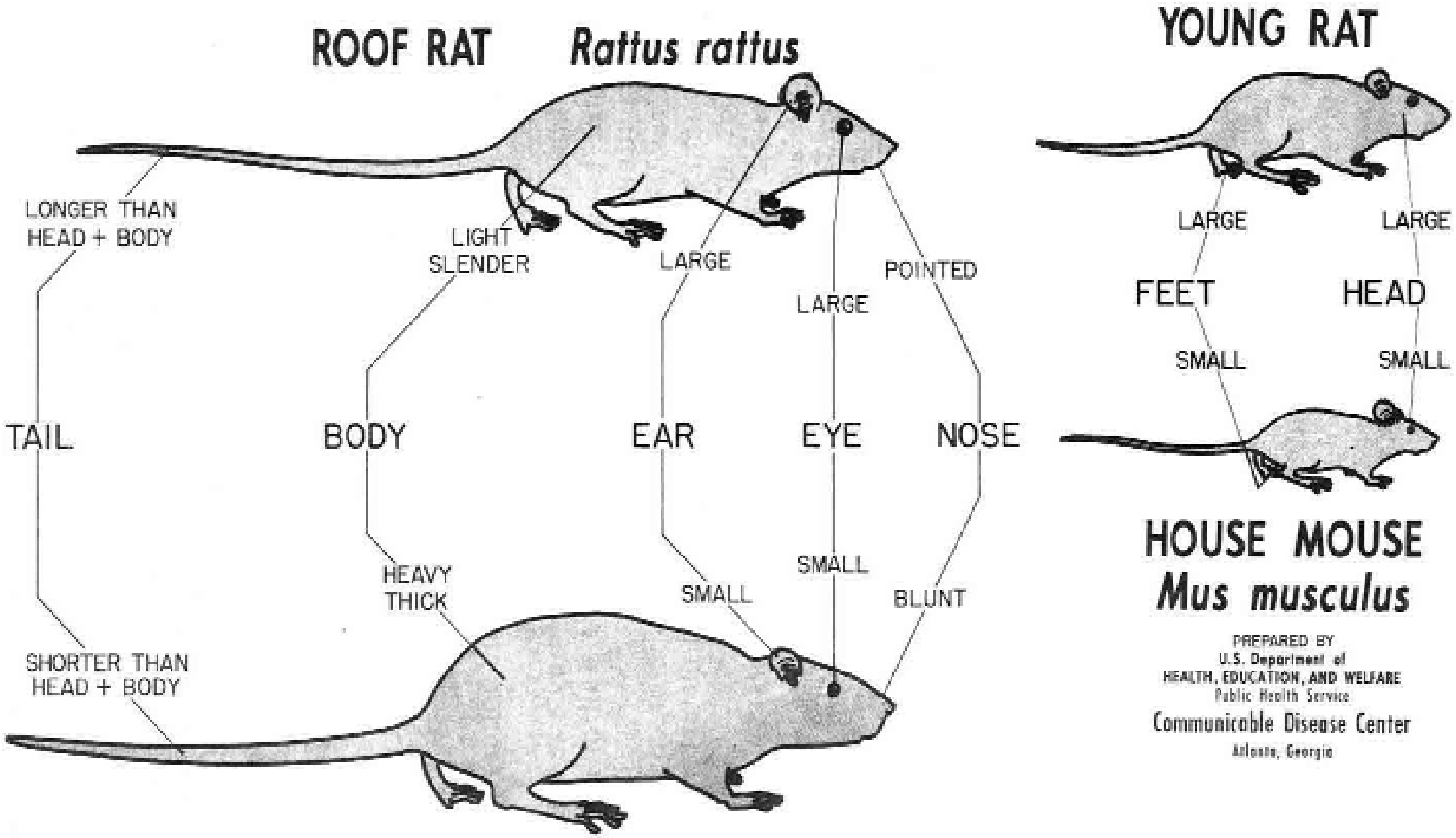
Aside from disease status, mosquito surveillance is used to identify the type of mosquitoes breeding in the community. Emerging diseases like Zika virus, Chikungunya and Dengue are carried by mosquitoes. Keeping an eye on the type of mosquito species is very important as it can be an early warning for new disease introduction to Las Vegas.

www.snhd.info-search ‘Mosquito’

702-759-1633 –Report Mosquito Activity

Rodent Prevention

- Non Native,
- Resourceful
- Quick Breeders
- Few Predators



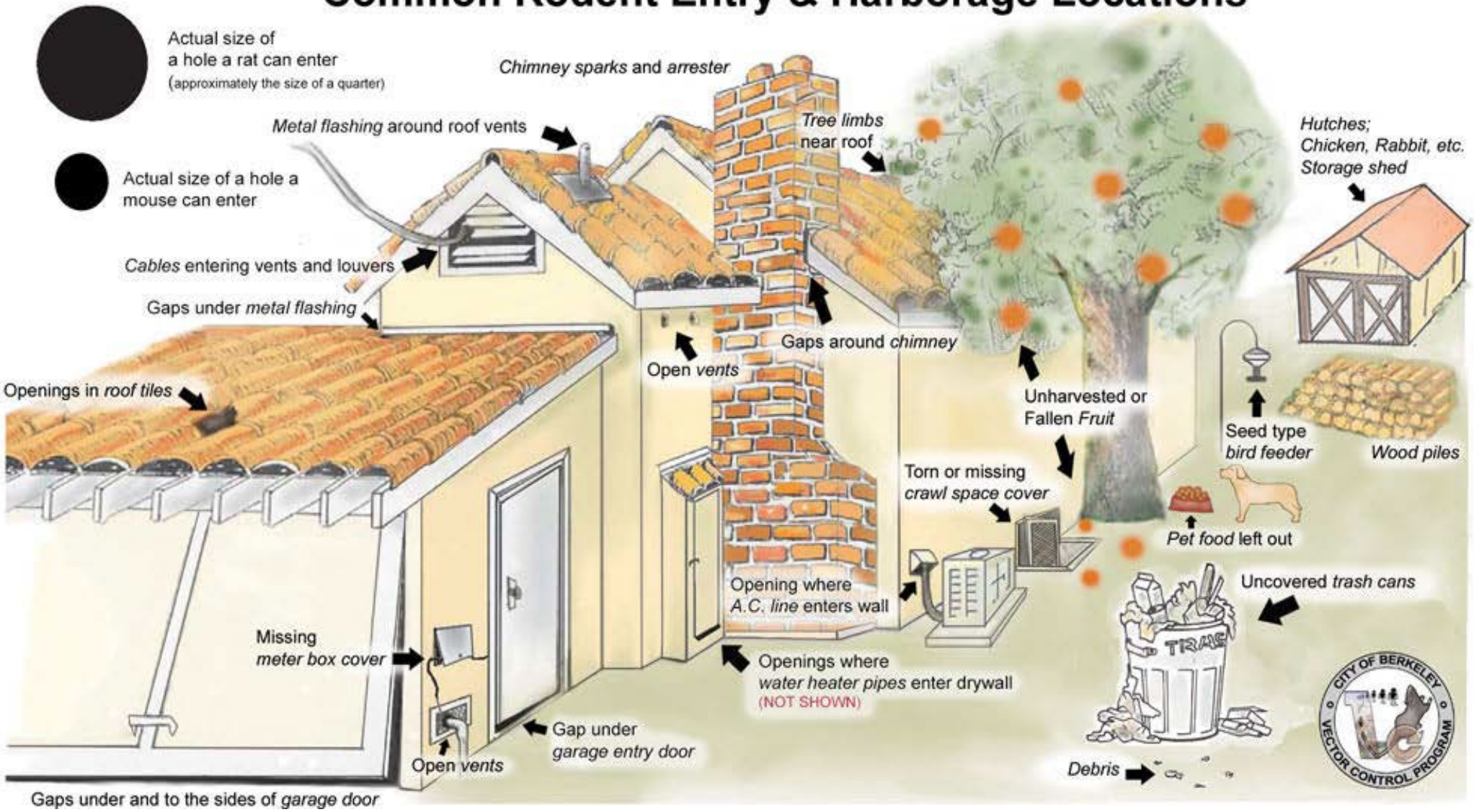
PREPARED BY
U.S. Department of
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Communicable Disease Center
Atlanta, Georgia

08/29/2007 12:42

TIDY CATS SCOOP
IMMEDIATE
ODOR CONT

ANGER / POISON
SULFURIC ACID
CAN CAUSE
BLINDNESS OR
SEVERE BURNS

Common Rodent Entry & Harborage Locations



Rodent Pests

Old-World or European rats, roof rats (Rattus rattus) and Norway Rats (Rattus norvegicus), have been living in association with human populations for centuries. Once transported into a new geographic area, they generally breed quickly, since they have adapted to living in urban areas.

For information on the Rodent Surveillance Program, visit the Zoonotic Diseases webpage.

How To Inspect For Rodents on Your Property

Question	Yes	No	Necessary Correction if "Yes"
Building			
1. Does my home (or other structure) have gaps or holes bigger than 1/4 inch:			
a. In the foundation?			Seal with "qwik seal" or other good sealing material.
b. In vents?			Secure vents with mesh screen less than 1/4 inch opening
c. At door thresholds?			Replace door sweep
d. At conduits (plumbing, electrical, air)?			Seal around openings with "qwik seal" or other good sealing material
e. At wall junctures?			Seal less than 1/4 inch with silicone. Seal greater than 1/4 inch with "qwik seal"
2. Are there signs of rodents within the structure:			
a. Gnawing on food packaging, linens, furnishings, paper goods?			Find entrance to home and seal. Discard the gnawed items.

www.snhd.info–search 'Rodents'

Vivek Raman
702-759-1633
raman@snhd.org
www.snhd.info