



# MOSQUITO and VECTOR MANAGEMENT DISTRICT of Santa Barbara County

## DISEASE SURVEILLANCE REPORT

August 2018

### Live Mosquito-Borne Virus Surveillance

Fifteen mosquito trapping surveys were conducted in August 2018 (57 year to date). The results are shown in the table below. All sample pools submitted to date have been negative for West Nile virus (WNV) and other mosquito-borne viruses.

LOCATION	DATE	NUMBER of MOSQUITOES	NUMBER of TRAPS <sup>^</sup>	MOSQUITOES PER TRAP NIGHT*	POOLS SUBMITTED	RESULT
<b>South Coast</b>						
Santa Barbara Airport	7/31-8/1	0	1	0	0	N.A.
UCSB/Santa Barbara Airport Bluffs	8/1-8/2	137	12	11.3	4	Negative
1460 N Fairview Ave.	7/27-8/6	9	1	.9	0	N.A.
El Estero Wastewater Plant, Yanonali St.	8/8-8/9	1065	12	88.5	14	Negative
Lake Los Carneros	8/14-8/15	54	11	4.9	3	Negative
Carpinteria Salt Marsh, Avenue del Mar	8/22	11	7	1.57	0	N.A.
Santa Barbara Airport	8/22	11	7	1.57	0	N.A.
1545 Santa Monica Rd., Carpinteria	8/2-8/21	75	1	3.95	0	N.A.
<b>North County</b>						
Lake Marie, Clark Ave., Orcutt	8/27-8/28	112	5	22.4	1	Pending
Orcutt Creek at Bradley Rd.	8/27-8/28	7	2	3.5	0	N.A.
Orcutt Creek at California Ave.	8/27-8/28	13	2	6.5	0	N.A.
Orcutt Creek at Terrazzo Way	8/27-8/28	32	5	6.4	2	Pending
<b>San Luis Obispo County</b>						
Buckley Rd. at Thread Ln.	8/23-8/24	37	4	9.25	2	Pending
Corbett Creek at Tallyho Rd.	8/23-8/24	28	4	7	1	Pending
Oceano Campground	8/23-8/24	1890	4	472.5	15	Pending

\* Mosquitoes Per Trap Night = Number of Mosquitoes ÷ (Number of Traps x Number of Nights)

<sup>^</sup> EVS = CO<sub>2</sub> trap      BG = BG-Sentinel invasive *Aedes* mosquito trap

### West Nile Virus Dead Bird Submissions

There were no dead bird submissions during August.

### Sentinel Chicken Flocks

The District maintains five sentinel chicken flocks located at the Carpinteria Sanitary District, Goleta Sanitary District, U.S. Forest Service Ranger Station on Paradise Road, Solvang City Wastewater Treatment Plant, and the Mission Hills Community Services District.

The five chicken flocks were sampled twice and samples submitted to test for the presence of WNV and other mosquito-borne viruses. No mosquito-borne viruses were detected.