

DELTA VECTOR CONTROL DISTRICT

Michael W. Alburn
Manager

Post Office Box 310 * Visalia, California 93279-0310

Mir Bear-Johnson
Scientific Program Manager

1737 West Houston Avenue * Visalia, California 93291

Paul D. Jobe
Superintendent

Phone (559) 732-8606 * (877) 732-8606 * Fax (559)-732-7441

Jesse Erandio
Biologist

www.deltavcd.com

Sheri D. Davis
Administrative Assistant

Crystal Grippin
Biologist

Mark Dyngge
Systems Administrator

Mark Nakata
Biologist

REPORT OF THE MANAGER JANUARY 2019

I. Water and Weather

Chilly temperatures, fog, and rainfall were experienced throughout the month of January. The average high temperature for the month was 60.7°F, and the average low was 39.6 °F, with 1.79 inches of rainfall reported as preliminary data by the National Weather Service, Hanford Station. The 30-year seasonal averages for January are 54.6°F and 38.7 °F respectively, with the seasonal average rainfall reported as 1.91 inches.

Water storage at Pine Flat Reservoir increased to 384,118 acre-feet, lower than this time in both the two previous years by over 150,000 acre-feet. By January 31st Pine Flat Reservoir's inflow was 1,012 and its release was 92 CFS. Lake Kaweah Reservoir water storage increased during the month, being 31,876 acre-feet at the end of the month, higher than the previous year by nearly 10,000 acre-feet. Lake Kaweah's inflow was 344 CFS and its release was 1,161 CFS at month end, with substantial outflow starting on the 28th.

II. Narrative

Winter maintenance of vehicles and equipment continues, in preparing for the upcoming season. Safety inspections were conducted, with corrections being made throughout the month. Pre-emergent herbicide treatments are in progress to dairy lagoons and wastewater facilities within District boundaries. Source Maps and gate codes to locked locations continue to be updated and brought current in preparation for a new season. Seasonal positions were posted and applications for those positions are coming in.

In the laboratory, planning and preparations for the 2019 mosquito surveillance programs continue. Paperwork for recording data was updated, as were all protocols. Traps are still undergoing some updating, predominately in terms of labeling as the wet winter season has limited the times when spray paint can be applied, labeling will carry on into February. The BG traps, EVS traps, and sugar-yeast containers have updated labels that can hopefully withstand the entire 2019 season. Additionally, the gravid traps have been updated to minimize differences between traps and to provide more sturdy craftsmanship. One service request in January led to locating breeding of *Aedes aegypti* inside a commercial property, with education and outreach being completed by laboratory staff. The annual report was finished, reviewed,

and polished. Presentations for annual conferences, including one PowerPoint presentation and one poster, were prepared and edited. Laboratory staff prepared to attend the MVCAC conference at the beginning of February.

There were seven service requests during the month:

2019 Service Request Summary

	Fish	Inspection	Mosquito	Source	Other	Total
January	0	3	1	2	1	7
Total	0	3	1	2	1	7

III. Vector and Disease Surveillance

Delta VCD Summaries

Humans:

There are no new WNV positive human cases reported within Delta VCD boundaries.

Birds:

During the month of January, no dead birds were reported by the public.

Mosquito:

Mosquito-borne disease surveillance has been suspended, as is typical during winter months. Surveillance will resume when daily temperature begins to rise, usually in April.

State Surveillance:

As of the end of the month, there is no new vector-borne surveillance data from the State.

IV. Expenditures & Revenues – 2018/19

TOTAL BUDGET \$3,092,198.15

EXPENDITURES – July 1, 2018 – January 31, 2019

Salaries	\$1,305,571.47
Services & Supplies	\$416,439.89
Tax Admin Fee	\$29,587.00
Capital	\$55,566.07
Building Improvements	\$29,665.00
TOTAL EXPENDITURES	\$1,836,829.43

REVENUE RECEIVED – July 1, 2018 – January 31, 2019

July	\$47.38
August	\$262.76
September	\$14,274.20
October	\$1,338.16

November	\$1,280.52
December	\$1,322,084.51
January*	
TOTAL REVENUE TO DATE	\$1,339,287.53

V. Time Sheet Summary

Month	Available Work Hrs	Sick Hrs Used	Total Hrs Available for Work	Pct. Of Hrs Avail for Work
July	4320	66.50	4253.50	98.46
August	5152	118.50	5033.50	97.70
September	3792	88.25	3703.75	97.68
October	3160	50.25	3109.75	98.41
November	2128	94.95	2033.05	95.54
December	1736	86.75	1649.25	95.01
January	2352	64.00	2288.00	97.28

The District has a vacation policy that requires 24 hour notice in order to ensure the operational integrity of the workforce. Sick leave for doctor, dentist and/ or family medical necessity also requires advance notice- in so much as it is possible. Illness is unplanned and therefore unscheduled. Attendance records for the current year are shown in the table.

**January Revenue not available from Tulare County as of 2/5/19.*