

# **DELTA VECTOR CONTROL DISTRICT**

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## **REPORT OF THE MANAGER February 2019**

### **I. Water and Weather**

Chilly temperatures and rainfall were experienced throughout the month of February, being colder and wetter than the previous month. The average high temperature for the month was 58.3°F, and the average low was 38.3 °F, with 2.54 inches of rainfall reported as preliminary data by the National Weather Service, Hanford Station. The 30-year seasonal averages for February are 61.3°F and 42.1 °F respectively, with the seasonal average rainfall reported as 1.85 inches.

Water storage at Pine Flat Reservoir increased to 572,987 acre-feet, an increase of nearly 50% compared to last month. By February 28<sup>th</sup> Pine Flat Reservoir's inflow increased by over 180% to 2,872 and its release likewise increased to 248 CFS. Lake Kaweah Reservoir water storage decreased during the month, by over 30%, to be 21,792 acre-feet at the end of the month. Lake Kaweah's inflow was 733 CFS and its release was 1,246 CFS at month end.

### **II. Narrative**

Pre-emergent herbicide treatments were completed to accessible dairy and wastewater lagoons within District boundaries. Post emergent treatment was made to those needing cleanup and will continue as weather allows. Trail maintenance was completed along the Kings River, in preparing access for the upcoming season. Spray equipment calibration is nearly complete. New Data entry programming for the season is nearly completed as well. Label and Safety Data Sheets were updated to the latest versions. Seasonal position interviews were held. Most of the available positions have been filled and will receive orientation training on March 18, 2019.

Laboratory staff continued to prepare for the upcoming mosquito and WNV transmission season. Laboratory staff, Mir Bear-Johnson, Jesse Erandio, Crystal Grippin, and Mark Nakata attended the annual MVCAC Conference at the beginning of the month and the annual AMCA Conference at the end of the month gaining insight into new technologies for mosquito control, innovations in mosquito trap design, potential collaboration ideas to help the District continue to excel, and ideas for engaging and training seasonal staff for optimal operations. Mir Bear-Johnson spoke at MVCAC regarding year three of the surveillance program, and Jesse Erandio presented a poster at AMCA, both were well received.

The laboratory staff worked on hiring their seasonal staff for the 2019 season, with a couple returning staff members from the previous year. Additionally, Crystal Grippin worked on streamlining the orientation training day by making the material more accessible and informative in a powerpoint presentation which took a substantial amount of time and effort, and Mark Nakata worked to ensure the training for the seasonal lab staff would be increasingly effective and efficient in the 2019 season.

There were nine service requests during the month:

2019 Service Request Summary

	<b>Fish</b>	<b>Inspection</b>	<b>Mosquito</b>	<b>Source</b>	<b>Other</b>	<b>Total</b>
<b>January</b>	0	3	1	2	1	7
<b>February</b>	0	8	0	1	0	9
<b>Total</b>	0	11	1	3	1	16

**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 February, 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 – February 28, 2019

Salaries	\$1,447,702.28
Services & Supplies	\$444,860.93
Tax Admin Fee	\$29,587.00
Capital	\$55,566.07
Building Improvements	\$39,630.00
<b>TOTAL EXPENDITURES</b>	<b>\$2,017,346.28</b>

## REVENUE RECEIVED – July 1, 2018 – February 28, 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	\$356,387.57
February	\$5,843.24
<b>TOTAL REVENUE TO DATE</b>	<b>\$1,701,518.34</b>

V. Time Sheet Summary

Month	Available Work Hrs	Sick Hrs Used	Total Hrs Available for Work	Pct. Of Hrs Avail for Work
<b>July</b>	<b>4320</b>	<b>66.50</b>	<b>4253.50</b>	<b>98.46</b>
<b>August</b>	<b>5152</b>	<b>118.50</b>	<b>5033.50</b>	<b>97.70</b>
<b>September</b>	<b>3792</b>	<b>88.25</b>	<b>3703.75</b>	<b>97.68</b>
<b>October</b>	<b>3160</b>	<b>50.25</b>	<b>3109.75</b>	<b>98.41</b>
<b>November</b>	<b>2128</b>	<b>94.95</b>	<b>2033.05</b>	<b>95.54</b>
<b>December</b>	<b>1736</b>	<b>86.75</b>	<b>1649.25</b>	<b>95.01</b>
<b>January</b>	<b>2352</b>	<b>64.00</b>	<b>2288.00</b>	<b>97.28</b>
<b>February</b>	<b>2128</b>	<b>85.25</b>	<b>2042.75</b>	<b>96.00</b>

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.