

# **DELTA VECTOR CONTROL DISTRICT**

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## **REPORT OF THE MANAGER JANUARY 2020**

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

Chilly temperatures and fog, with some rainfall, were experienced throughout the month of January. The average high temperature for the month was 57.9°F, and the average low was 38.1 °F, with 0.81 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 slightly to 490,947 acre-feet by the end of the month. By January 31<sup>st</sup> Pine Flat Reservoir's inflow had decreased by over 50% to be 580 cubic feet per second (CFS) and its release decreased slightly to 247 CFS. Lake Kaweah Reservoir water storage decreased over 25% during the month, being 22,224 acre-feet at the end of the month. Lake Kaweah's inflow was 161 CFS and its release was dramatically decreased to 3 CFS at month end, with outflow decreasing dramatically starting on the 20th.

### **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 enrolled in the 2020 Weed control program. The four sites that had remained to make contact in December 2019 were contacted and enrolled by the end of January. Source Maps and gate codes to locked locations continue to be updated and brought current in preparation for a new season. Some seasonal staff from the previous year have been contacted with the hopes of their return, and positions were evaluated so that notices could be posted in the coming month. The new Administrative Analyst began in early January and is in training.

The Superintendent and Systems Administrator attended the Mosquito and Vector Control Association of California (MVCAC) Annual meeting alongside the Laboratory Staff in San Diego in late January. Jesse Erandio, biologist, spoke at the MVCAC Annual meeting, and Crystal Grippin and Mark Nakata both presented posters that were well received.

Planning and preparations for the 2020 mosquito surveillance season continued in the laboratory, with paperwork for recording data, protocols, and routes all being updated. Trap maintenance continued to ensure the maximum number of traps are in working order for the coming season. The annual report was finished, reviewed, and polished. Outreach events continued.

There were six service requests during the month:

2020 Service Request Summary

	Fish	Inspection	Mosquito	Source	Other	Total
<b>January</b>	0	2	0	1	3	<b>6</b>
<b>Total</b>	0	2	0	1	3	<b>6</b>

**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, one dead bird was reported but was not viable for testing.

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 – 2019/20**

TOTAL BUDGET \$4,053,625.97

EXPENDITURES – July 1, 2019 – January 31, 2020

Salaries	\$1,445,691.04
Services & Supplies	\$511,162.39
Tax Admin Fee	\$30,998.00
Capital	\$29,448.42
Building Improvements	\$31,440.43
<b>TOTAL EXPENDITURES</b>	<b>\$2,048,740.28</b>

## REVENUE RECEIVED – July 1, 2019 – January 31, 2020

July	\$356.00
August	\$82.30
September	\$17,909.97
October	\$2,858.74
November	\$1,593.76
December	\$1,834,682.15
January	\$385,487.27
<b>TOTAL REVENUE TO DATE</b>	<b>\$2,242,970.19</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>4928</b>	<b>94.25</b>	<b>4833.75</b>	<b>98.08</b>
<b>August</b>	<b>5104</b>	<b>106.00</b>	<b>4998.00</b>	<b>97.93</b>
<b>September</b>	<b>4400</b>	<b>71.25</b>	<b>4328.75</b>	<b>98.38</b>
<b>October</b>	<b>2680</b>	<b>72.50</b>	<b>2607.50</b>	<b>97.30</b>
<b>November</b>	<b>2160</b>	<b>75.75</b>	<b>2084.25</b>	<b>96.50</b>
<b>December</b>	<b>1920</b>	<b>46.50</b>	<b>1873.50</b>	<b>97.58</b>
<b>January</b>	<b>2640</b>	<b>78.50</b>	<b>2561.50</b>	<b>97.03</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.