

## **DELTA VECTOR CONTROL DISTRICT**

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### **REPORT OF THE MANAGER MARCH 2021**

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

The temperature remained low throughout the month of March. The average high temperature was 68.0°F with an average low of 43.7°F. Data from the Delta Vector Control District (DVCD) Weather Station reported 1.27 inches of rainfall. The National Oceanic and Atmospheric Administration 1981-2010 seasonal averages for high and low temperatures in March were 67.3°F and 46.1°F respectively, with average rainfall of 1.99 inches.

Water storage at Pine Flat Reservoir increased to 265,208 acre-feet by the end of the month. By March 31, 2021 Pine Flat Reservoir's inflow had increased to 796 cubic feet per second (CFS) and its release increased to 191 CFS. Lake Kaweah Reservoir ended the month with more water than the previous month, with 30,497 acre-feet on March 31, 2021. Lake Kaweah's inflow increased to 285 CFS and its release was increased to 37 CFS.

#### **II. Narrative**

Administrative and Laboratory staff attended the 2021 American Mosquito Control Association (AMCA) Annual Conference and presented three posters in early March. The conference was entirely virtual.

The California Department of Public Health (CDPH) proficiency panel for West Nile virus, St. Louis Encephalitis virus, and Western Equine Encephalitis virus was completed in early March and the results were sent in, with the preliminary assessment showing passing marks. The full report will be released by CDPH and the Davis Arbovirus Research and Training (DART) later this spring.

Seasonal vacancies in both the laboratory and operations continued to be filled during the month, with four known positions still open at the end of March. Full time staff went through their annual safety training in March. Additionally, the laboratory technicians and Field Zone Technician II's started in March and attended safety training. Safety training which occurred in batches to ensure COVID-19 compliance.

Preparation for the 2021 mosquito season has been completed. Mosquito traps were repaired, and surveillance routes have been updated. Seasonal laboratory technicians were trained to begin trap routes.

On March 25, 2021 Systems Administrator Mark Dynge gave his notice to retire on March 31, 2021 and was presented with his 17-year retirement plaque on April 1, 2021. To ensure no loss

of service at the District, EMD Networking Services was contracted to manage any IT needs while options are being considered.

Calibrations were completed in March, with droplet testing taking place on March 31, 2021 at Kings Mosquito Abatement District, led by Clarke. All trucks and equipment were finalized for the start of the season. Fieldseeker data system is being implemented in the field, with changes, corrections and queries taking place as staff experience it in real time.

Throughout February, employees continued to complete the online screening of COVID-19 survey and take paid time off to seek test results when required. The District will continue to be proactive in keeping employees and the public safe, with no planned rollback of any of the safety precautions that have been put in place. In March some staff received their second dose of the vaccine. Staff are encouraged to be vaccinated and are allowed to take work time to do so.

Due to the hold up by GM and the delay of delivering the 10 vehicles to the Enterprise Fleet Management (EFM) on time, the General Manager negotiated with both organizations to waive the delivery fee of \$1,700.

There were twenty-seven service requests in March:

2021 Service Request Summary

<b>2021</b>	<b>Fish</b>	<b>Inspection</b>	<b>Mosquito</b>	<b>Source</b>	<b>Other</b>	<b>Inquiries</b>	<b>Total</b>
<b>January</b>	0	0	1	2	0	0	<b>3</b>
<b>February</b>	0	0	0	2	0	0	<b>2</b>
<b>March</b>	0	0	7	17	1	2	<b>27</b>
<b>Total</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>21</b>	<b>1</b>	<b>2</b>	<b>32</b>

**III. Vector and Disease Surveillance**

**Delta VCD Summaries**

Humans: There were no human cases of an arbovirus reported by the local public health department for the month of March.

Birds: No dead birds were reported in the month of March. The Dead Bird Hotline will re-open April 12, 2021. Residents can still report dead birds online or directly to the District.

Mosquitoes: No mosquito testing was conducted in the month of March.

**State Surveillance:**

Humans: No new human cases of West Nile virus (WNV) or St. Louis encephalitis virus (SLEV) were reported in 2021. The California Department of Public Health updated the number of human infections in 2020 to 231 with 11 WNV-related fatalities.

Birds: No dead birds were reported in March.

Mosquitoes: No mosquito samples were reported in March.

**IV. Expenditures & Revenues – 2020/21**

TOTAL BUDGET \$3,516,071.89

EXPENDITURES – July 1, 2020 – March 31, 2021

Salaries	\$1,787,366.31
Services & Supplies	\$496,871.09
Tax Admin Fee	\$30,690.00
Capital	\$9,765.74
Building Improvements	\$351,882.69
<b>TOTAL EXPENDITURES</b>	<b>\$2,676,575.83</b>

REVENUE RECEIVED – July 1, 2020 – March 31, 2021

July	\$1,011.30
August	\$0.00
September	\$22,679.32
October	\$4,651.34
November	\$62.67
December	\$1,551,138.77
January	\$296,201.40
February	\$2,082.40
March	\$19,522.97
<b>TOTAL REVENUE TO DATE</b>	<b>\$1,897,350.17</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>5,632</b>	<b>50.25</b>	<b>5,581.75</b>	<b>99.10</b>
<b>August</b>	<b>5,376</b>	<b>133.25</b>	<b>5,242.75</b>	<b>97.53</b>
<b>September</b>	<b>4,816</b>	<b>99.75</b>	<b>4,716.25</b>	<b>97.93</b>
<b>October</b>	<b>3,520</b>	<b>123.25</b>	<b>3,396.75</b>	<b>96.50</b>
<b>November</b>	<b>2,016</b>	<b>132.00</b>	<b>1,884.00</b>	<b>93.46</b>
<b>December</b>	<b>1,960</b>	<b>100.00</b>	<b>1,860.00</b>	<b>94.90</b>
<b>January</b>	<b>1,950</b>	<b>146.00</b>	<b>1,804.00</b>	<b>92.52</b>
<b>February</b>	<b>2,100</b>	<b>30.25</b>	<b>2,069.75</b>	<b>98.55</b>
<b>March</b>	<b>2,576</b>	<b>93.25</b>	<b>2,482.75</b>	<b>96.38</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.