

DELTA VECTOR CONTROL DISTRICT

Dr. Mustapha Debboun
General Manager

Post Office Box 310 * Visalia, California 93279-0310
1737 West Houston Avenue * Visalia, California 93291
Phone (559) 732-8606 * (877) 732-8606 * Fax (559)-732-7441
www.deltavcd.com

Mir Bear-Johnson
Assistant Manager

Hector Cardenas
Operations Program Manager

Crystal Grippin
Scientific Program Manager

Sheri D. Davis
Administrative Assistant

Andrea Troupin
Biologist

Mark Dyngé
Systems Administrator

Mark Nakata
Biologist

REPORT OF THE MANAGER FEBRUARY 2021

I. Water and Weather

The temperature remained low throughout the month of February. The average high temperature was 64.9°F with an average low of 41.2°F. Preliminary data from the Delta Vector Control District (DVCD) Weather Station reported 0.48 inches of rainfall. The National Oceanic and Atmospheric Administration 1981-2010 seasonal averages for high and low temperatures in February were 61.3°F and 51.7°F respectively, with average rainfall of 1.85 inches.

Water storage at Pine Flat Reservoir increased to 241,204 acre-feet by the end of the month. By February 28, 2021 Pine Flat Reservoir's inflow had increased to 499 cubic feet per second (CFS) and its release decreased minutely to 112 CFS. The Lake Kaweah Reservoir ended the month with more water than the previous month, with 22,531 acre-feet on the 28th of February. Lake Kaweah's inflow decreased slightly to 110 CFS and its release was increased to 18 CFS.

II. Narrative

Maintenance work continued throughout February, with equipment calibrations still ongoing. In February, offices were moved and updated to create the appropriate space for the Operations Program Manager in the office and the Biologists in one of the new Fish Hatchery facility offices. Hector Cardenas began work on February 22, 2021 as the Operation Program Manager.

Administrative and laboratory staff attended the 2021 Mosquito and Vector Control Association of California (MVCAC) Virtual Annual Conference, providing three oral presentations and three posters. Biologists Mark Nakata and Javier Valdivias, and Scientific Program Manager Crystal Grippin gave pre-recorded oral presentations for the virtual meeting, and Crystal Grippin and Biologist Jesse Erandio presented posters. Additionally, Jesse Erandio gave a presentation at the Wyoming Mosquito Management Association annual meeting, by request.

Andrea Troupin began work on February 8, 2021 and Jesse Erandio’s last day was February 18, 2021 allowing overlap and training to take place to help ensure preparedness for the mosquito season. Preparation for the 2021 mosquito season began in earnest in February. Andrea Troupin and Javier Valdivias completed training for arbovirus testing in the first half of the month. Protocols and safety data sheets are being updated and adult mosquito traps were repaired. The proficiency panel arrived at the very end of the month, and will be completed by Andrea Troupin.

Advertisements for seasonal employees were placed near the end of February, with hiring starting in March for March and April start dates. Supervisor meetings with Frontier Precision staff are ongoing to dial in the new Field Seeker system and ensure functionality prior to the start of the season.

Throughout February, employees continued to take the temperature, complete the online screening of COVID-19 survey, and take paid time off to seek test results when required. No employee tested positive for COVID-19 in February. 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. Starting in February staff were able to begin to be vaccinated. Staff are encouraged to be vaccinated and allowed to take work time to do so.

There were two service requests in February:

2021 Service Request Summary

2020	Fish	Inspection	Mosquito	Source	Other	Total
January	0	0	2	1	0	3
February	0	0	0	2	0	2
Total	0	0	2	3	0	5

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 February.

Birds: No dead birds were reported in the month of February. Although the Dead Bird Hotline will remain closed until April 2021, residents can still report dead birds online or directly to the District.

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

State Surveillance:

Humans: No new human cases of West Nile virus (WNV) or Saint Louis Encephalitis virus (SLEV) were reported in 2021. The California Department of Public Health updated the number of human infections in 2020 to 229 with 11 WNV-related fatalities.

Birds: No dead birds were reported in February.

Mosquitoes: No mosquito samples were reported in February.

IV. Expenditures & Revenues – 2020/21

TOTAL BUDGET \$3,516,071.89

EXPENDITURES – July 1, 2020 – February 28, 2021

Salaries	\$1,621,291.36
Services & Supplies	\$400,862.15
Tax Admin Fee	\$30,690.00
Capital	\$7,333.74
Building Improvements	\$292,968.66
TOTAL EXPENDITURES	\$2,353,145.91

REVENUE RECEIVED – July 1, 2020 – February 28, 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	\$2,081.40
TOTAL REVENUE TO DATE	\$1,877,827.20

V. Time Sheet Summary

Month	Available Work Hrs	Sick Hrs Used	Total Hrs Available for Work	Pct. Of Hrs Avail for Work
July	5,632	50.25	5,581.75	99.10
August	5,376	133.25	5,242.75	97.53
September	4,816	99.75	4,716.25	97.93
October	3,520	123.25	3,396.75	96.50
November	2,016	132.00	1,884.00	93.46
December	1,960	100.00	1860	94.90

January	1,950	146.00	1,804.00	92.52
February	2,100	30.25	2,069.75	98.55

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.