



# CLARK COUNTY MOSQUITO CONTROL DISTRICT

## END-OF-THE-MONTH REPORT – AUGUST 2024

**TO:** CCMCD Board of Trustees

**FROM:** Mario Boisvert, District Manager

**DATE:** September 3<sup>rd</sup>, 2024

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As per the Board's request at the last Board meeting on August 13<sup>th</sup>, 2024, I will send a report that will summarize the activities that happen during the month (administration, operations, lab) at the end of each month during the mosquito season (from April to October).

The format will be informal (mainly bullet points) but let me know if you would like the report presented in a different format.

### Administration:

- The County's IT support will now come from Public Works instead of Public Health.
- We will lose access to our "G" drive to collect and save our data that is located on the Public Health server. Public Health wants to recuperate that space for their own purposes. We will use our SharePoint software to remediate this, so we won't lose any data.

### Operations:

- Our second bioassay with the Bacillus sphaericus active ingredient confirmed the results of the first bioassay where we found that our *Culex pipiens* in the catch basins were resistant to products made with this active ingredient.
- Follow up on catch basins with Methoprene-based products and Spinosad-based products showed that there is no resistance to those products. Those products will be used next year (in rotation) but their higher costs will have an impact on the next year's pesticide budget.
- We will start our third round of treatments in the catch basins on September 2<sup>nd</sup>. One round of treatments takes about six weeks to be completed, this is leading us to mid-October.
- Matthew McBride, our Board member from Camas, gave me a great lead after he heard at the Board meeting that we wanted to buy and use a 3D printer in the future. He introduced me to a group called TEAM 2471. The TEAM is composed of students designing, programming, machining and assembling robots. I met them at their "shop" and discussed how we can work together. They are already working on 3D printing parts for our BG sentinel traps, machining a new drum for our Mozzies and designing a new EVS trap. Our collaboration looks very promising.
- The Methoprene-based pellets we used last year (the one we had a shortage of this summer) might be available this fall. The vendor is recommending for those of us who have the funds available to purchase what we will need next spring/summer now. They cannot guarantee that the product will be available next spring.

### Lab:

- As of August 30<sup>th</sup>, we have tested 630 pools of mosquitoes for West Nile virus. All were negative. Last year, we had more mosquitoes and tested close to 800 pools as of the same date.
- As of August 30<sup>th</sup>, there are seven positive pools of mosquitoes for West Nile virus in Washington State, all in the Yakima/Benton County area.
- We just learned on August 29<sup>th</sup> that *Aedes aegypti* was recently detected in southern Oregon, specifically, Jackson County, OR. *Aedes aegypti* was previously observed in Redding, CA (north CA). They are slowly but surely moving north.