



Although we received a lot of rain this winter, a statewide drought emergency was declared on April 16, 2024, by the Washington State Department of Ecology. However, it seems that the forecast for the amount of water that will be released from the Bonneville dam will be similar to last year. If this is true, we should expect another season with a lot of mosquito activity. With warmer temperatures in early April, residents already submitted service requests confirming some early activity.

Please find below a general report on our different departments/activities.

- **Administration:**

- **CCMCD future expansion / lease renewal**

- **County**

- As of March 5th, 2024, we signed a new agreement with Public Works. We signed a 10-year contract plus the possibility of extensions (2 x 5 years). Since the contract has been signed, we now have the authorization to get a second office trailer on our site.

- **Relationship to Clark County Public Health (CCPH)**

- Nothing to report.

- **Contract with the County Treasurer**

- Nothing to report.

- **Contract with TDJ**

- We are finalizing the last steps with the County where we will no longer be invoiced through Internal Service Delivery (ISD). Every expenditure from the County will be invoiced to the CCMCD, approved, and sent to TDJ for processing. There will be no more duplication (and charges) to process our invoices. TDJ is still working on creating/modifying different policies to properly process our payables based off existing policies and providing recommendations for missing policies. A draft will be proposed to the Board at the board meeting in August.

- **Budget 2023:**

- The final expenditure report for 2023 was available in February and numbers presented in the last Board report were quite accurate. An increase of less than \$7,500 was shown in the final numbers mainly because of extra revenues received late in 2024.

- **Operations**

- At least three seasonal employees are returning this year, which is very good news. We still have to fill some positions to complete our crew for the summer. This year we posted our positions on our website, Indeed, LinkedIn and other job boards.

- We hired and have been successful in onboarding four new seasonal employees. They completed their training during the week of April 22 to 26. The goal was to have them take their tests and get certified before they start their full-time positions; thus, avoiding any delay in our operations. There is still one seasonal position to be filled.
- Jesse Maritz, our biologist, let us know that he plans to return to school full time this fall semester. Jesse will work until mid-August. There is no plan to replace Jesse's position currently. A fifth seasonal employee will be hired and will work from May to mid-October to cover Jesse's tasks out in the field.
- Our employees are already in the field dipping in different areas and looking for larvae. We already started treating head boxes where larvae were present. Next steps are the first round of treatment of our catch basins and mapping areas for aerial larviciding treatments by helicopter.
- We recently attended the Home & Garden Idea Fair (April 27 & 28) in Vancouver and the Hello Spring event in Washougal on April 27. There was very good attendance at the Home & Garden Idea Fair. Many attendees stopped at our booth during that two-day event curious to know more about mosquitoes and inquiring if the upcoming season will be "good" or "bad". Washougal's event was outdoors and unfortunately the bad weather convinced many people to stay home that day.
- Although we are now authorized to get a second office trailer on site, we have not found anything yet that would match our requirements. We are now looking for a "school" set up (24' x 64') where everybody would be in the same office space instead of two separate trailers.
- The refuge is still working on its Integrated Mosquito Management (IMM) plan. We were told last July that it would probably be a one-year process. We asked if the process could be expedited, hoping we could have authorization to spray both refuges in the spring of 2024. Unfortunately, that won't be the case. If the forecasts are accurate and if that many areas are left untreated, people living close to both refuges could see another year with a lot of mosquito activity.

In the meantime, we signed our annual permit for 2024. This permit allows us to have access to different areas in both refuges to trap and sample mosquito larvae. However, only very small areas are allowed to be treated with larvicides.

- We recently signed a new contract for aerial application services by helicopter. Because this contractor possesses a different type of equipment to apply our larvicide granules that is considered "safer" than the previous contractor, we are hopeful that this will facilitate the obtention of the permit needed to fly in what they call a "congested area". This will allow us to treat more acres than last year and get a better control on our mosquito population.
- Abby, Madison, and Douglas worked on the calibration of our foggers (adulticides + larvicides). We calibrated the two new foggers and the two old ones (electric) to make

sure we will have enough foggers if the situation requires us to run many foggers on the same night/morning for adulticide treatments. All the equipment is ready to start the season.

- Tarsis did a great job with the collaboration of the team to put together a door hanger that we can leave at the resident's house after responding to a service request or making an inspection. The door hanger contains very useful information and can act as a "business card". There is a copy of the door hanger at the end of this report.
- On April 4th, Anthony Metzidis, our Board member from Washougal, gave a presentation at the Washougal City council meeting. We want to thank Anthony for his thorough presentation and for taking the time to introduce who we are and the services we provide to the citizens of Clark County. I am sure Anthony's presentation gave the audience a better perspective of all the efforts we are making to control the mosquito population. We learn more and more every year about mosquitoes, their behaviors and how to improve our control methods. Our dedicated team will continue to be proactive and creative to bring sustainable solutions to the many challenges caused by the different species of local mosquitoes.

- **Lab**

- Rennie Kubik, one of our County Board members, attended the Northwest Mosquito and Vector Control Association (NWMVCA) meeting that was held recently in Pasco, WA. That was the second time Rennie presented our results from 2022 regarding the presence of the hybrid population of *Culex pipiens* in Clark County after presenting the results during a meeting in Montana in January. Again, he got many comments and questions regarding our findings. Many districts mentioned that they would probably start dipping their catch basins and have their larvae identified to assess the potential presence of hybrids in other parts of the Pacific Northwest.

We are expecting the results of the DNA testing of the samples from the 2023 season very soon. We will compare our results to 2022 and see if there were any changes. Results should be presented at the next NWMVCA fall meeting by one of our employees (Rennie: you will get a break this time).


- In 2024, we purchased a fourth BG counter. The four BG counters will be located in Camas, Vancouver, and Ridgefield. One of the counters will also be used as a "rover" to cover different areas during the season. This will allow us to assess the time of activity of our different species (spring vs summer) and be more efficient with the timing of our fogging treatments.
- We are also reviewing the different locations of our traps set up in 2023. Some locations might be changed to obtain better results. If possible, we would like to add a fifth "route" of trapping that will allow us to set up traps in areas of the County that have not been covered yet by our trapping schedule.


- We will work with a colleague from San Joaquin County, CA to test a new design of an EVS trap they built with a 3-D printer. We will compare their trap to our current EVS trap (no longer on the market). Results of that research will be published in a scientific journal.
- We will also test a new mycelium (fungi) system that generates CO₂ that attracts mosquitoes. Bags of mycelium will be provided by the Washington Department of Health. Bags will also be sent to other districts in the US to test them.

NEW DOOR HANGER

FRONT

BACK





CLARK COUNTY MOSQUITO CONTROL DISTRICT

Our Mission

To efficiently manage the risks from vectors and vector-borne diseases to protect public health and quality of life in Clark County.

We made a service call to your residence today.

Date/Time: _____
 Inspection Site: _____
 Service Request Number: _____
 Technician: _____

Inspection results and comments:

- We need your permission to set up a trap on your property.** Please call our office to provide us with your authorization.
- Sorry we missed you.** We will return at our earliest convenience complete the service request.
- Mosquitoes found and treated.
- Potential mosquito sources found on your property. See comments below.
- Potential mosquito sources in your neighborhood. See comments below.
- Specimen found was not a mosquito. See comments below.
- No mosquitoes found.

For gated communities only:


- We were unable to access your property for catch basin treatment.** Please call our office to supply the gate access code so that we may provide treatment as soon as possible.


Additional comments: _____

Before any treatment is initiated or any product is applied to an area, Clark County Mosquito Control District (CCMCD) conducts extensive surveys and sampling. If certain thresholds are met, or when mosquito populations pose a significant nuisance or threat to our community, CCMCD will apply products that are registered with the Environmental Protection Agency (EPA). CCMCD follows strict rules and regulations mandated by federal, state and local government agencies.

Office Hours: Monday - Friday from 7:00am to 3:30pm
 If after hours, please leave a message or visit our website.

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CLARK COUNTY MOSQUITO CONTROL DISTRICT


Mosquito Life Cycle








The aquatic stages of the mosquito life cycle include egg/egg raft, larva, and pupa. The adult stage is the only aerial stage of the mosquito life cycle. Mosquitoes need water to exist! You can prevent mosquitoes from developing by regularly removing or draining any stagnant water around your home.




Reducing Mosquitoes Around Your Home

To prevent mosquito breeding, check these objects often and dump any standing water.




						
Repair Door and Window Screens Keep mosquitoes out of the house!	Clean Gutters Keep water running freely	Fix Leaky Faucets and Pipes Get rid of dripping water	Remove Toys, Buckets and Pots Dump out water-filled items	Fill Holes Keep water from forming holes	Change Birdbath Water Keep water clean	Cover Pools Protect pools and hot tubs when not in use

Protect Yourself From Bites




Use Insect Repellent

The most effective repellants contain the active ingredient DEET, picaridin, or lemon eucalyptus oil. Follow all directions when using repellants, especially when applying on children.



Stay Indoors

Avoid being outside during periods of the day when mosquitoes are generally most active - which is dusk to dawn.



Wear Long Clothing

When outside, wear protective clothing such as long pants, long-sleeved shirts, hats, shoes and socks. Clothing that is loose-fitting and light in color is also recommended.

To submit a service request or for more information visit us at www.ccmcd.org