



The “operational” part of our activities is now behind us with the colder temperatures in the fall upon us. Now, we are getting into our “administrative” mode where reports are produced, the new mosquito software is tested, and we are starting to plan for the 2025 season. Mother nature gave us a small break this summer with the Columbia River, so mosquito wise it was a rather quiet summer. However, the discovery of a larval resistance to one of the active ingredients used in the catch basins and the shortage of another product also use in the catch basins kept us very busy with follow ups on efficacy and resistance bioassays.

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

- **Administration:**

- **County**

- Nothing to report.

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

- Nothing to report.

- **County Treasurer**

- Nothing to report.

- **TDJ CPA**

- Since the last Board meeting in August, Christine Smith, from TDJ CPA, and I have worked on multiple procedures/guidelines/addenda that will be part of our global fiscal policy. Documents produced so far will be presented to the Board at the November Board meeting for updates and comments.

- **Budget 2024:**

- With the end of the year coming soon, it is now the time for making our more expensive purchases if the money is still available (trailer for our quads and Argos, new computers, pesticides for 2025, GO-4, van equipment, etc.).

- Looking at the expenditures for the remainder of the season, we should be around \$320K below budget at the end of the year. Based on discussions at the last Board meeting, we may want to use up the “extra money” in the fund balance instead of moving it to the Reserve. Then we would just use a reduced number for our revenue budget number for 2025 (by the amount of fund balance you want to use up) and make a note in the budget resolution that the revenue and expense difference is due to board approved fund balance reduction/use. When the board approves the budget that would be simultaneously approving the use of fund balance.

- One specific product was not available for purchase last summer, and it caused operational problems for our catch basin treatments. That product was available this fall but not guaranteed again to be available next summer. With the approval of the Executive Committee, all the quantity needed for next summer was purchased this fall (\$68K). The money in the Pesticides ledger was available since we did not use the money for products originally planned to be used at both refuges. Those purchases will then not appear in our 2025 budget.

- **Operations**

- We are modifying/upgrading our drone van for a better usage next summer. The van will also be used for special projects, lab, service requests, etc. We are also looking at other options should we decide to get a different vehicle (different set up) for the drone program.
- We attended the Northwest Mosquito and Vector Control Association meeting in Leavenworth, WA from October 22 - October 23, 2024. There were many good presentations, especially the ones on new laws and regulations. It was also a chance to chat with other districts about their drone programs and potential collaboration for research projects next summer.
- Our employees are currently testing the VeeMAC software to learn more about its different functions and identify glitches.
- We are continuing to test the residual activity of the Altosid pellets (Methoprene) in the catch basins. Our goal is to see if we can get a longer residual activity in cold water. The results might affect the way we will use this product in the future.

- **Lab**

- A lab report for the season 2024 is also attached to this report.
- For the next few months, we will set up traps weekly at 8-9 different locations when the weather will be conducive (November and March). During the colder winter months, we will set up traps only as needed when mosquito activity could be expected (a few days in a row of warmer temperatures).
- We brought our BG counters and our weather station back to the lab for the winter. Maintenance will be performed on that equipment so it will be ready for next spring.
- We have a final count of 716 pools tested for West Nile virus in 2024. All tests were negative. As of 10/29/2024, there are a total of 10 positive pools of mosquitoes in Washington State, all in the Yakima/Benton County area.