



CLARK COUNTY MOSQUITO CONTROL DISTRICT

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End-of-the-Month Report – September 2025

Administration:

- Our State Auditor Office's audit that occurs every three years is scheduled to start on November 10th, 2025.

Operations:

- Our third round of treatments in catch basins was completed by mid-September. Some seasonal employees will continue to work until mid-October to work on a fourth round of treatments.
- Our new GO-4 has arrived at the dealership in Oregon. We should have it here on site shortly. We will still have to make a few modifications to it before it is fully operational.
- One of the products (Altosid XR briquets) used in Paige's project this summer is still showing good residual activity. Madison will continue the follow-up on that project until the product fails.
- On August 27th, we sent our comments to the refuge administrators regarding their IMM Draft. We still have not received any feedback on our comments.
- We are still searching for a laboratory to analyze our mosquito samples concerning the hybridization of our *Culex pipiens* population. We obtained a few referrals from a colleague at UC Davis in California. Abby has already reached out to them to check if they can assist us with our project.
- We met with Eric Prileson (PhD student) and Seth Rudman (his supervisor) from Washington State University in Vancouver. We discussed various research projects that we could potentially collaborate on in the future. They have newly established facilities in Vancouver where laboratory research could also be conducted.
- Three of our employees (Abby, Madison and Mark) will attend the Northwest Mosquito and Vector Control Association in Idaho at the end of October. It is always a good occasion to learn more about new products, new drone regulations, and meet with colleagues.

- I asked our employees if there was anything (equipment, products, computer supplies, etc.) they would like to add to the 2026 budget draft that was presented last August. This was the last chance for employees to add things before I finalize the 2026 budget and submit it for final approval at the October Board meeting.

Lab:

- We received a new 'lot card' from Response Biomedical, the company producing RAMP kits, to recalibrate our reading machine. Initially, we believed the buffer was the issue. However, after investigation, they discovered that the calibration 'lot card' was the problem. We recalibrated the reading machine, but we still obtained unexpected results. The results clearly showed that the mosquito pools tested NEGATIVE for West Nile virus, though the numbers were slightly higher than expected. We are continuing to work with them to identify and resolve the issue.
- The mosquito samples that were sent to the Washington Department of Health for PCR testing, during the downtime of our RAMP, all tested NEGATIVE for West Nile virus.
- Madeline and Wade started to decrease the number of traps on our weekly routes. We went from 40 traps/week to 25 traps/week.
- Based on conclusive results from Lucas' project this summer on traps' efficacy, new John Hock traps were ordered for next year's season.
- As of September 25th, we have tested 940 pools of mosquitoes for WNV this year, which accounts for approximately 39% of all pools tested in Washington State (940/2411). All those samples tested NEGATIVE for West Nile virus.
- As of September 25th, there are 47 pools of mosquitoes that have tested positive for WNV in Washington state, all in three counties east of the Cascades. There is also one positive horse (fatality) and one human case (fatality). They are also investigating a human case in Oregon that has potentially been infected in Washington state.