

2019 Annual Report

Manager Report

The 2019 year has come and gone for the season. This was another year for us that didn't necessarily follow the normal pattern, if there is a pattern, because of the wet spring and the dry summer! We started the year off with a lot of water, and then the summer didn't produce a lot of moisture. We began the summer throwing Altosid to curtail flood-water mosquitos that come in the early part of the season. This helped to relieve some of those complaint calls that come early in the season. The summer and the heat came, and we got plenty of mosquitos throughout the season. The count for this year was the highest count since I became the manager. But the calls from individuals were down this year from years past.

Some statistics:

| | |
|--|--|
| Mosquitoes trapped and counted: 23,444 | Natular Briquettes: 89 |
| Total inspections: 3,239 | VectoMax : 2,869.98 lbs |
| Total Treatments: 1,500 | BVA Oil: 46.95 gallons |
| Total Acres Treated: 1,218.30 | Fourstar: 887.84 lbs |
| Natular: 129.45 lbs | Duplex G: 8.20 lbs |
| Altosid briquettes: 2,251 | Kontrol 30-30 including Diluent oil: 1,702.32 gals |

We started testing positive for the West Nile Virus (WNV) on August 20th. The first trap tested positive in Petersboro. By the end of September we had two traps test positive, and both came from the Petersboro trap. Arbornet, the website that reports viral activity within the United States, reports that we had one neuroinvasive case in Cache County. It was a 5 year old, reported September 22, from North Logan. I was not informed by the Health Department, so we did not do anything different in that area. Overall, it was a busier year because of the number of mosquitoes, but it wasn't anything out of the ordinary for applying product. The rule of thumb is, if the weather is hotter and there isn't a lot of moisture then there is a better chance of the WNV incubating. This was not the case, fortunately, for the valley; we had the high temperatures and the lack of moisture, but we did not have the WNV positives like the year before. This I was grateful for.

The main goal for the upcoming year is to get started on our new building. I am also moving forward using technology more efficiently and improving it so that our technicians are safe, and we have better data records.

Richard Rigby
Manager

Administrative Manager Report

The CMAD Board of Trustees and CMAD personnel are committed to ensuring an efficient, well-run operation with wise, frugal use of taxpayer funds. As such, I'm delighted to report we stayed under budget in all categories this year. All of the reporting requirements for special districts in Utah have been completed on time. The annual financial statements review and agreed-upon procedures report was performed by Matt Regen, CPA, in June. He reported CMAD is doing well, and we have the necessary internal controls in place to protect against fraud or abuse of monies received.

We were excited to be able to purchase land this past summer with money we have been saving for many years. Along with that, we are ready to begin the planning and construction of a new building which will better meet our needs. One of our main objectives is to be able to adequately house our vehicles over the winter season. Another important objective is to have sufficient lab space for carrying out surveillance and speciation processes. We have no plans to acquire debt for this project but will pay for the construction with saved funds. We anticipate building in stages as monies are available.

The first table below shows total employee hours (including manager hours) spent each year doing major tasks, dating back over the past 5 years. The second table shows only manager hours for the past 3 years.

| TOTAL EMPLOYEE HOURS | 2015 | 2016 | 2017 | 2018 | 2019 |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|
| Administration | 304.25 | 420.25 | 731.75 | 603.75 | 496.75 |
| Fogging | 963.25 | 1030.50 | 1178.75 | 1735.00 | 1527.00 |
| Larvicide | 2175.25 | 2152.50 | 2288.75 | 1979.00 | 1528.75 |
| Maintenance | 288.75 | 288.00 | 256.25 | 188.25 | 150.25 |
| Managing | 318.75 | 352.25 | 409.75 | 444.75 | 512.75 |
| Safety | -- | -- | -- | -- | 14.50 |
| Surveillance/Speciation | 206.75 | 220.25 | 203.00 | 239.00 | 273.00 |
| Surveillance Interns | 74.50 | -- | -- | -- | -- |
| Website | -- | -- | 68.25 | 59.50 | 71.25 |
| Total Hours | 4415.25 | 4549.50 | 5136.50 | 5249.25 | 4574.25 |

| Manager Hours | 2017 | 2018 | 2019 |
|----------------------|-----------------|---------------|---------------|
| Fogging | 237.25 | 43.00 | 34.25 |
| Larviciding | 263.25 | 77.00 | 88.75 |
| Maintenance | 237.50 | 188.25 | 150.25 |
| Managing | 457.75 | 444.75 | 512.75 |
| Safety | -- | -- | 14.50 |
| Speciation | 91.25 | 201.25 | 178.00 |
| Total hours | 1,287.00 | 954.25 | 978.50 |

I very much enjoy working with fellow employees and the board of trustees in taking care of mosquito abatement needs for the communities we represent. We're happy to be a part of keeping our own Cache Valley a wonderful place to call home.

Debbie Mays
Administrative Manager