

2021 Annual Report

Manager Report

The 2021 year has come and gone for the season. This year we were able to finally see the fruition of years of saving and hard work with Board members. The building that has been talked about for 16 years was finally built, and we were able to move into it in May of this year. It has a climate-controlled chemical shed, shop, lab, locker rooms, showers, laundry room, break room, and offices that will meet the needs of the Cache Mosquito Abatement District for years to come.

The season started off dryer than usual due to the dryer-than-normal winter and spring. This created an unusual start to the season because the normal wet areas around the river bottoms were dried up by the middle of June. At the end of August a few thunderstorms came through the Valley, creating mosquito breeding areas in pastures and standing water. The standing water, organic matter, and heat helped the Aedes species come out in force. This species is day-biting and aggressive, causing many more calls than usual from the public asking for help in controlling it. Because this species is more active during the day, it is harder to control with the normal fogging that takes place in the evening hours.

Some statistics:

Mosquitoes trapped and counted: 20,439	Natular Briquettes: 0
Total inspections: 4,524	VectoMax : 2,262.96 lbs
Total Treatments: 1,494	BVA Oil: 64.06 gallons
Total Acres Treated: 10,085.79	Fourstar: 688.95 lbs
Total Acres Sprayed: 307,501.50	Duplex G: 0 lbs
Natular: 0 lbs	Kontrol 30-30 including Diluent oil: 6,263.92 gal
Altosid briquettes: 3,427	

A trap in Benson tested positive for West Nile Virus (WNV) on August 9, which was about two weeks earlier in the season than average. During the following four weeks, a trap in Newton and one in Lewiston tested positive as well. We did not have any human cases reported this year.

The main goal for the upcoming year is to balance financial and efficiency goals while also taking care of the needs of Cache Valley citizens. I want to look for ways to be more efficient in how we apply pesticides, where to look for habitat, and how to better streamline speciation and testing of mosquitos. We will continue to work with the Board and the public in our goal of helping everyone enjoy Cache Valley's beautiful summer nights while also staying safe.

Richard Rigby
Manager

Administrative Manager Report

The year 2021 has been exciting in that our goal of having our own building was finally achieved. It is fantastic to have comfortable space large enough to house all of our vehicles and equipment as well as some room for growth. Thank you to the many Board members and employees, past and present, who contributed much to reach this goal! We will continue to carefully guard this resource and be wise in the use of our financial strategies as we seek to carry out the best possible mosquito abatement efforts within the framework of our yearly budget.

I am pleased to report that all documentation requirements for special districts in Utah have been completed accurately and on time. Matt Regen, CPA, completed our annual financial statements review and agreed-upon procedures report. He has verified that CMAD is operating well and has important financial internal controls in place. CMAD is committed to protecting taxpayer monies and using them wisely.

In 2018 the CMAD Board of Trustees approved the designation of the Manager position as a salaried one. In doing so, they asked that Manager hours continue to be reported each year. Aligning with this request, the table below shows Manager hours spent each year doing major tasks, dating back over the past 4 years.

Manager Hours	2018	2019	2020	2021
Fogging	43.00	34.25	39.75	53.50
Larviciding	77.00	88.75	68.00	47.00
Maintenance	188.25	150.25	125.75	114.50
Managing	444.75	512.75	555.00	542.50
Safety	--	14.50	15.75	49.50
Speciation	201.25	178.00	148.75	160.50
Total hours	954.25	978.50	953.00	967.50

The year 2021 was an unusually difficult year for mosquito abatement efforts throughout the state of Utah and beyond, at least partially due to the effects of the ongoing and severe drought in the U.S. Western States. I wish to commend the Board of Trustees and my fellow employees for their untiring efforts to provide mosquito abatement to the residents of Cache Valley. I am proud to be associated with them.

Debbie Mays
Administrative Manager