

2024 Annual Report

Manager Report

The 2024 year has come and gone for the season. We had a lot of good things happen at the beginning of the season that showed some promise and then the weather turned:

Some statistics:

Mosquitoes trapped and counted: 24,035	Natular Briquettes: 58
Total inspections: 3,318	VectoMax: 4461 lbs.
Total Treatments: 1656	BVA Oil: 12.24 gallons
Total Acres Treated: 17,092	Fourstar: 1175 lbs
Natular: 850.25 lbs.	MetaLarv: 725.8 lbs
Altosid briquettes: 5678	Kontrol 30-30 & Malathion: 1,352.17 gals. Total Acres Sprayed: 284,733.21 Acres

WNV – In June we got a late frost that kept our early mosquitoes at bay but in early July the weather changed and became warm and dry. This combination led to us getting a positive West Nile Virus two weeks earlier than in previous years. Then it continued to grow from there. This year we had thirteen of our traps test positive for the West Nile Virus. The Hyde Park trap tested positive on July 30th, this is the earliest that we have seen a trap test positive. We have had two confirmed human cases in the valley as well.

Our drone program continues to evolve each year. This year we flew a total of 521 flights this year, which was up 33% from the year before. We flew a total of 437 acres, up 41% from last year. It was a total of 24.5 hours of flight time through the season. We also put out 3,955.42 lbs of product with the drone. This was a 39% increase from the year before. This increase helped to minimize mosquitoes in areas that we traditionally do not get to very often because of the terrain.

This year we went to a new adulticide model of spraying. Because of resistance to Kontrol 30-30 that we have started to see we had to change up the product. We went to a combination of Kontrol 30-30 and Fyfanon for our adulticiding efforts. We have a total of four trucks that service the valley, and we had two dedicated to the Kontrol 30-30 and the other two dedicated to the Fyfanon. We then sprayed an area for two consecutive weeks then switched to the other truck for two weeks. This was to break up the resistance throughout the valley. This seemed to work on our favor.

This coming year we will be having to raise taxes because of the rise in costs of products and equipment. The drone has been helpful because we are able to get to areas that previously have been hard to reach by ATV or foot. This has increased the amount of product that we have used because we are covering more area. This is what we will be utilizing in the coming year and still work on being fiscally responsible to the public with the tax monies that we receive for the district.

Richard Rigby
Manager

Clerk Report

We had a great 2024 season despite seeing West Nile earlier than normal this year. We have a great board and employees keeping the district running and going. Due to the constant efforts of our board and personnel, CMAD has reached the end of 2024 under budget. Matt Regen, CPA, reviewed the annual financial statements and the procedures report agreed-upon by the board. He reported CMAD is operating well and has necessary internal controls in place to ensure taxpayer monies are protected and used appropriately. I am pleased to report that all documentation requirements for special districts in Utah have been completed accurately and on time.

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	2021	2022	2023	2024
Fogging	53.50	19.25	41.25	25.75
Larviciding	47.00	59.50	85	62
Maintenance	114.50	114.25	148.5	142.25
Managing	542.50	412.75	459	426
Safety	49.50	11.00	7.5	30
Speciation	160.50	125.00	136.25	133.25
Total hours	967.50	741.75	877.5	819.25

We've been working hard and continue to work at being as effective as possible. I have loved my role as the clerk and I look forward to many more years of working with CMAD.

Sierra Bradley
Clerk