

Board Meeting Minutes

Mosquito Abatement District - Davis

September 10, 2026

The Mosquito Abatement Board meeting was held at the Hangar Facility in Ogden, Utah and on Zoom.

The Meeting was called to order by Board Chair Mike Blackham at 7:02 pm who led the Board in the Pledge of Allegiance.

ROLL CALL:

Present at the meeting was Greg White, Manager and Clerk Shirley Cox, Clerk with Board members including Matt Murri – Bountiful; Cheylynn Hayman – Centerville; Danielle King – Clearfield; Marie Dougherty – Clinton; Mark Cottrell – Fruit Heights; Mike Blackham – Kaysville; Brian Horrocks – North Salt Lake; Joel Dills – South Weber; Nancy Smalling – Sunset; Julie Robertson – Syracuse; Kelly Enquist -West Bountiful; Michele Swenson – West Point and Jim Grover – Woods Cross. Excused from the meeting was Lorene Kamalu – Davis County Commission; Scott Isaacson – Farmington; and Tyson Roberts – Layton;

Board members Mark Cottrell, Joel Dills, Chaylynn Hayman, Brian Horrocks and Nancy Smalling attended the meeting by Zoom.

No conflicts of interest declared.

MINUTES – OF 08/13/2026:

Trustee Danielle King motioned to approve the minutes of the 13 August 2026 Board meeting. Trustee Matt Murri seconded the motion. All in favor. None opposed. Motion carried.

PUBLIC COMMENT:

None

TREASURERS REPORT:

Vice Chair Kelly Enquist, acting for Treasurer Scott Isaacson, reviewed the financial statements and the checks. He reported that everything looks to be in order.

There was a motion to accept the Treasurer's Report by Trustee Marie Dougherty. The motion was seconded by Trustee Julie Robertson. All in favor. None opposed. Motion carried.

FINANCIAL STATEMENT DISCUSSION AND APPROVAL:

Manager White reviewed the Expense Detail Report and highlighted some of the expenses.

There was a motion to accept the Financial Statement and approve the payment of bills by Trustee Matt Murri. The motion was seconded by Trustee Danielle King. All in favor. None opposed. Motion carried

MOSQUITO REPORT:

West Nile Virus and Encephalitis Update

There are 31 human cases within the state of Utah (Box Elder/Cache County/Rich (9); Davis (5); Salt Lake County (10); St. George area (1); Utah County (1); Weber/Morgan County (6)). There are ten additional pending cases that need to be confirmed with final testing which would bring the total to 41 cases this year. Last year, the year-end total was 49 cases. There is one human case of St. Louis Encephalitis. There are 17 horses with West Nile virus, none of which are in Davis County.

The Infection rate across the state is 12% positive. The typical infection rate is 3% to 4%. Manager Greg White explained that a mosquito pool is a batch of 100 mosquitoes tested. When there is a positive mosquito pool, the assumption is that one mosquito in the pool is positive. In the Davis district, mosquito numbers are lower than average, however, the number of affected mosquitoes is higher than average.

Trustee Marie Dougherty asked about getting out information to the public on that to remind them to wear repellent.

Manager Greg White will check with our public health partners to see if they want to do a public health release and will send out something for board members to post on their social media accounts.

Trustee Mike Blackham noted that West Nile virus seems to be higher this year than the average.

Manager Greg White gave a regional perspective first then will gave a local perspective on that.

Arizona reports 82 human cases with 7 fatalities.

Wyoming reports 1 human case.

Nevada reports 1 human case.

Colorado has 27 human cases.

California reports 86 human cases with 6 fatalities.

Nationwide, there are 504 cases.

Manager Greg White addressed the question about why West Nile virus has been so high in our area and explained what the impact of the drought is in combination with a very mild, warm winter.

He explained there are two ways mosquitoes can get into an area. One way is by overwintering mosquitoes. A female overwintering mosquito gets infected and can survive the winter. (Male mosquitoes do not make it over the winter.) Some of the females can hibernate, and in springtime, when they emerge again, they bite something new and then start the spread of the virus again. There is also a small percentage that, when they lay their eggs, they can pass it to their offspring. The other way is if migratory birds move into an area that are carrying the virus. The way the virus is maintained in mild winter conditions is the survival of adult mosquitoes. Additionally, some studies show that under drought conditions, birds and mosquitoes condense together over fewer water sources. The virus then goes from the birds to mosquitoes easily and amplifies it.

During drought years, it is typical to see more West Nile virus transmission than in years with more rain. In wetter years, it is typical to see more mosquitoes and there are more complaints. If West Nile virus is detected early in that season, that usually indicates a bad year for West Nile virus. In the state, Box Elder detected it first, then Salt Lake, and then Davis. It was detected extremely early this year, earlier than anyone in mosquito abatement has ever seen in Utah's history. Seeing the early detection of West Nile virus, plus the drought, enabled a lot of birds and mosquitoes to get infected.

Trustee Brian Horrocks joined the meeting online at 7:18 pm.

Manager Greg White added that of the 5 human cases in Davis County, they were in Clearfield (1); Kaysville (2); Farmington (1); and Layton (1). Out of the 10 pending cases, none of them are in Davis County. The mosquitoes that carry West Nile virus, *Culex tarsalis*, are rapidly dropping in numbers. The *Aedes dorsalis* numbers are currently up. They are extremely aggressive and bring many complaints into the office. They do not carry West Nile virus.

Trustee Joel Dills asked about the value of building an attack targeting *Culex tarsalis*, specifically, on years when West Nile virus numbers are up.

Manager Greg White stated the *Culex tarsalis* are targeted already in the current operations of mosquito abatement. *Culex tarsalis* makes up about 80% to 90% of the mosquitoes caught during the year. Most of the district's mosquito abatement activities are directed towards the *Culex tarsalis* population. They are not mosquitoes that come out of residential areas, they need the big open wetland areas. The district spends so much time in the wetland areas because they are a nuisance but also because they are very good at spreading the virus. The district does nighttime spraying specifically because they are at their peak activity and these are the big West Nile virus spreaders. He also noted that as mosquitoes get older, they become more dangerous, as far as transmitting the virus, because the virus in their body goes to their salivary glands. Current mosquito abatement operations works well offensively to reduce the age of the mosquito population and keep infections down. The district's program is already geared toward this species of mosquito.

Trustee Joel Dills expressed appreciation for that information and is in favor of getting that kind of information out to the public online on how operations at the mosquito district are offensively addressing the mosquitoes in Davis County.

Trustee Kelly Enquist asked about the symptoms and treatments for West Nile Virus.

Manager Greg White stated that the general symptoms are general flu-like symptoms: achiness and headaches. Typical neurologic symptoms include extreme fatigue and body weakness, light sensitivity and bad headaches. West Nile virus is hard to diagnose and is not immediately tested or treated. He stated that the most symptomatic people will be over 55 and more especially over 65. He also informed the Board that the State Health Department has a Mosquito Awareness Week and they send out information that goes to all physicians regarding West Nile virus.

Mosquito Treatments, Spray Requests, Surveillance

Manager Greg White reviewed the 2026 Spray Request report and noted there were 125 service requests in August with 33 of those special event service requests. The five-year average for August is 318 spray requests. 125 service requests is a 60% decrease. There were lower amounts of mosquitoes and less complaints coming into the office.

There were 88 total spray requests for August with 33 of those for special events. West Layton and West Kaysville had the highest number of calls for spray requests at 21 and 17 requests. There was a big hatch of *Aedes* mosquitoes in the last few weeks after the rain. They are the aggressive mosquitoes discussed earlier.

Ground ULV acres for August were 95,066. That is a 30% decrease from typical ground ULV acres, which is 149,000. 75,287 acres were treated with Kontrol 30-30; 19,779 acres were treated with ReMoa Tri and 41,100 acres were treated with DuoVex.

Total acres treated by plan in August was 29,500. Aerial adulticide acres were 26,500. That is a 53% decrease from the typical amount of 55,000 acres. Aerial larvicide acres was 3,900 which is a 21% decrease from the typical 4,900 acres sprayed.

To summarize, the traps were fewer, the spray requests were less, the sources were fewer, and the treatments were fewer.

EMPLOYEES:

Manager Greg White visited Utah State University this week to pitch a project for engineering students who are required to work on a capstone course their senior year. The project must be done as a team for a company. If any engineering students select the project, they would work part time on it, unpaid, over the winter. He will know Monday if anyone chooses this for their capstone course. There are a number of projects and many students talked with Manager White while he was there. He brought caged mosquitoes with him for interest.

Seasonal Employees

Seasonal employees are mostly gone now. There are seven daytime seasonal employees still working part time 2 to 3 days a week until mid-October.

Night Time Sprayers

Everything is running well with the night time sprayers. There is still a full night time crew. Two seasonals that worked during the day are now working night time for the district. Six to eight trucks go out each night depending on the night. They will continue night time spraying until October.

FACILITY UPGRADE CONSTRUCTION UPDATE:

The renovation is on time and on budget. There are no significant issues to report.

The slab has been poured for the laboratory/covered parking associated with it. Next, the masons are coming in for cinder block walls. They will mobilize equipment on Friday and begin work on Monday. By October's Board meeting, walls will be up. Roofing materials will come mid-October. Some of those materials will be stored on site. When the masons have finished work, a crew will get the roof on the building and work will begin on the interior of the building.

Before the August Board meeting, the district received a permit for demolition of the Pesticide Storage Building. The SWAT team wanted to come practice breaching in the building before it is demolished. All utilities will be disconnected by October 1st. The SWAT TEAM will come October 5th. Ten days later the building will be demolished.

Updates on the construction progress, including pictures, were included in the Board packet.

EQUIPMENT:

Maintenance

There are no major issues to report. One track vehicle has been overheating. All the equipment has been working really well this season.

Equipment Update

The district is not planning on any big purchases this year.

With the upcoming demolition, equipment must be removed from the building and stored. Manager White has reached out to Trustee Kamalu and the County has offered the use of the emissions testing building nearby for storage. Salt lake City Mosquito Abatement can help storing things as well. Some things will need to be stored on district property.

DSLASA UPDATE:

Hangar Lease

The lease is in process of renewal with the Ogden Airport. There is no update on the lease renewal. The process is slow and there is no communication from the airport manager.

Air Tractor

The damaged Air Tractor is at the hangar. The insurance company will decide if it is salvage or not.

BOARD TRAVEL AND MEETINGS 2026/2027:

- a) UMAA Annual Meeting – October 26-28, 2026 – Ogden, UT
- b) MVCAC Annual Meeting – January 24-26, 2027 – Universal City, CA
- c) AMCA Annual Meeting – March 1-5, 2027 – St. Louis, MO

The UMAA meeting is scheduled for October 26 – 28 in Ogden, Utah. This will be Monday afternoon, Tuesday all day, and Wednesday half day.

There is a conflict with the same dates for the Utah League of Cities and Towns meeting scheduled for October 27 – 28. This will be all day Tuesday and all day Wednesday.

Trustees Matt Murri and Marie Dougherty will need to be at Utah Cities and Towns meeting.

Manager Greg White asked Board members their availability to attend the UMAA meeting.

Trustee Michele Swenson plans to attend Monday and Tuesday of UMAA.

Trustee Nancy Smalling plans to attend the Tuesday session only.

Trustees Mike Blackham, Kelly Enquist, Danielle King and Julie Robertson plan to attend all three days of the UMAA meeting.

Manager Greg White will send out an email to the Board to confirm attendance before registering the district.

Two student interns from the Davis district will compete in a scholarship event on Tuesday. Elizabeth Hart will do a presentation and Manager Greg White will do a **lightening round**.

Reminder to Board members that Trustee Training can be done online at the state auditor's website. There is also a link to the state auditor's website at the Utah Association of Special Districts website (<https://www.uasd.org>). Training can also be done with Board member city councils. A Certificate of Training or Minutes from City Council training should be sent to shirley@davismosquitoutah.gov. The link for online training is:

<https://training.auditor.utah.gov>

Other meetings scheduled are the MVCAC meeting in California January 24-26, 2027; the AMCA meeting in St. Louis, MO March 1-5, 2027; and the UASD Conference in Layton November 4-6, 2026.

BOARD MEMBER REPORTS:

None

ADJOURN:

There was a motion to adjourn by Trustee Danielle King. The motion was seconded by Trustee Julie Robertson. The MAD-D Board meeting adjourned at 7:54 pm.

10/08/2026
Scott Isaacson, Treasurer

10/08/2026
Shirley Cox, Clerk