

**MINUTES OF THE  
SALT LAKE CITY MOSQUITO ABATEMENT DISTRICT  
20 July 2023  
BOARD MEETING**

Presiding: Carlton Christensen, Chair

Time: 12:34 p.m.

Place: 2215 North 2200 West, Salt Lake City, UT 84116

Trustees Present: Carlton Christensen, Chair  
Dr. Shireen Mooers, Vice-Chair  
Amanda Barth  
Van Turner  
Neil Vickers, Ph.D.

Others Present: Ary Faraji, Ph.D., Executive Director  
Gregory White, Ph.D., Assistant Director  
Aleta Fairbanks, CPA, CFO  
Nathaniel Byers, Ph.D., Biologist (Arrived during Item 8.)

**1. Roll Call:**

Trustee Christensen called the meeting to order at 12:34 p.m. It was confirmed that the meeting was being recorded, and the Trustees had no conflicts of interest.

**2. Approval of the 15 June 2023 Minutes of the Board of Trustees:**

The Board Members were provided an opportunity to review the pending minutes of June's regular Board Meeting prior to this meeting, and all modifications had been completed. Trustee Mooers made a motion to approve the 15 June 2023 Minutes of the Board of Trustees; the motion was seconded by Trustee Turner and passed with a unanimous vote.

**3. Approval of the 15 June 2023 Budget and CTR Public Hearing Meeting Minutes:**

The Public Hearing Minutes covering the 2023 budget amendments, the 2024 proposed budget, and also the Certified Tax Rate had been given to the Trustees previously. Trustee Vickers made a motion to approve the 15 June 2023 Public Hearing Minutes, Trustee Barth seconded the motion, and it carried with all in favor.

**4. Presentation of the June 2023 Financial Statements and Approval of Bills for Payment:**

Copies of June's Financial Statements had been distributed to the Trustees before the Board Meeting. CFO Fairbanks reviewed the Financial Statements with the Trustees; all expenditures were presented, with special attention being paid to items over \$1,000.00. Of special interest, it was noted that a 2022 workers' compensation audit had resulted in a \$4,168.78 rebate. Also, \$25,000 had been transferred to Davis-Salt Lake Aerial Spray Authority (DSLASA), and Executive Director Faraji let the Board Members know that Shirley Cox has decided to no longer take care of DSLASA's bookkeeping. Documentation for all payments was reviewed when the checks were signed; the Balance Sheets and a folder containing all of the supporting invoices were also circulated. Trustee Barth made a motion to approve the June 2023 Financial Statements and the bills for payment, as presented; her motion passed unanimously after being seconded by Trustee Vickers.

**5. Discussion and Approval to Purchase a Field Boss Xstream 100 Gallon Sprayer:**

The District's sprayer has become unreliable, and it's difficult to locate parts to repair it. In addition to requiring manual loading and unloading, its lid is broken and the sight gauge on the tank is unreadable. Rural Field Supervisor Salt was able to obtain two comparable quotes for a Field Boss Xstream 100 Gallon Sprayer. Trustee Vickers made a motion to approve purchasing a Field Boss Xstream 100 Gallon Sprayer; his motion was seconded by Trustee Turner, and it carried with all in favor.

**6. Update on CDC Grants:**

The CDC has awarded the RaHP-VEC \$6,068,841 grant to Colorado State University; and, along with Texas Tech University and various health departments, we are a subcontractor on that grant as well. The District's portion will be \$1,013,795 over five years, and we will be conducting a lot of vector surveillance and control training. We have been asked to fine-tune our budget and submit it in August.

We are also the principal for a similar grant that was submitted along with some other Utah entities. We have been put on an Allocated But Unfunded (ABU) list that puts us in position to receive some money at the end of the year if CDC ends up with a surplus of funds.

**7. Updates on Construction Project and Architect:**

In addition to site development, we are now beginning to discuss construction design. Executive Director Faraji has been tasked with reaching out to our previous surveyor because they apparently did not file the legal description of our property with the County. We plan to combine the back and front acreage. We are holding OAE (Owner/Architect/Engineers) meetings every Wednesday at 1:00 p.m., and we have been positively impressed with how our Owner's Representatives have been involved in our

project. An offer was made for any Board members to attend these meetings in the future if an interest exists.

**8. Report on Attended and Reminder/Approval of Upcoming Training/Meetings:**

- **UT Public Health Labs, 21 June 2023**

As a result of Executive Director Faraji's presentation talking about our operations, our research projects, and the internships we have made available, the Utah Public Health Labs' molecular personnel have asked us to collaborate with them on some next generation sequencing work. We will see if there is potentially something we can work on together.

- **Mali Mosquito Control Project, 16-30 June 2023**

Assistant Director White gave an update on the mosquito abatement work he and Operations Supervisor Hardman accomplished in Mali, Africa. The Ouelessebougou Alliance provided food and a place for them to stay. The people were grateful they were there; they were receptive and excited to learn all they could do to help reduce the number of malaria cases they were experiencing. They were pleased that the product we shipped two years ago was efficacious, and the new product arrived shortly after they left. They learned about mosquito habitats and sampling techniques. Traps were set up in eight villages; four villages were treated, and four villages were the control group. Dr. Gunter Muller and a Ph.D. student from the University of Bamako are providing support for this project. The government has also shown a lot of interest in this project. Assistant Director White thanked the Trustees for allowing them to share their mosquito abatement expertise with the people of Mali. Also, Dr. Muller taught them a great deal about how mosquitoes respond to different plants and gave them ideas on how to find and track mosquito areas here in Utah. This was truly a life-changing experience for Assistant Director White and Operations Supervisor Hardman, and they were elated that they were not only able to share their expertise and assist with malaria reduction, but they were also able to learn from the local personnel and bring back additional ideas to the District.

- **DSLASA, 22 June 2023, SLCMAD**

The DSLASA Board Meeting was held at the District on 22 June 2023. Its audit was presented at this meeting, and DSLASA received a clean audit with no findings. The next meeting will be at the hangar on 28 September 2023.

- **CDC, 12-13 July 2023**

CDC's Lyle Petersen, the Director of the Division of Vector-Borne Diseases in the National Center for Emerging and Zoonotic Infectious Diseases, and six other individuals visited the District on 12-13 July 2023. They participated in the helicopter tours; urban and rural surveillance/control operations; biological, catch basin, tree hole, tracked vehicle, unmanned aerial systems, and boat control operations; and the naled

aerial deposition study trials. Along with Trustees Vickers and Mooers, several of the visitors experienced the abundance of mosquitoes during the naled aerial deposition trials in the evening. Several suggestions were made to help improve the procedures for upcoming product trials.

The complimentary comments received from the CDC indicated that they were extremely impressed with our professional operations and will have no hesitation in allowing us to conduct research for them in the future. As a recent recipient of CDC grants, it was valuable to have the personnel responsible for grant awards physically visit and observe operations to ensure capabilities, compliance, and professionalism.

- **Pan-African Mosquito Control Association, 17-21 September 2023**

Executive Director Faraji will attend, present, and run a symposium at the Pan-African Mosquito Control Association Conference this year. The symposium will concentrate on larval source management, a concept that is very new in Africa and not widely practiced.

- **Utah Mosquito Abatement Association Annual Conference, 29-31 October 2023**

UMAA's Annual Conference will be held at the Snowbird conference center this year. CFO Fairbanks has already made hotel reservations for all of the Trustees, and she asked everyone to please let her know right away if they will not be attending this conference. Reservation cancellations must be made at least five days in advance.

## **9. Executive Director's Report:**

Biologist Byers was introduced to the Board Members before he provided a full surveillance report. He has learned a lot since joining SLCMAD's staff; he is enjoying his work here, and he is happy to be living in Utah.

The Board Members were given a brief update on the following: 1) It is that time of the year when we begin losing our seasonal workforce. 2) Concerning the Public Health Entomology for All (PHEFA), on 5 June 2023 one high-school student begin working with us for two weeks, and two undergraduates from the Salt Lake Community College also began a ten-week internship with us. 3) We have two publications that have been accepted and four others are out for review. 4) We are still working to improve conditions at the prison. Unfortunately, the ten NZI biting fly traps and six H-Trap professional horse fly traps and lures have not been collecting as many biting midges, deerflies, and horseflies as we had hoped. (5) We have been using the new credit cards from U.S. Bank, and we will begin phasing out using the credit cards from Zions Bank. (6) The Director's Report includes an article about air quality and DNA monitoring. (7) Biologist Byers discussed the surveillance report that was also included with the Director's Report. He discussed how this season's mosquito composition has changed in the urban, rural, and industrial zones. He also compared this year's data with the five-year averages. The Trustees were shown a graph depicting the increased drone treatments that have been accomplished so far this year. Drones are able to reach some habitats that can't be accessed by fixed-wing or even

helicopter applications. Also, this season's first West Nile virus positive mosquito pool occurred this morning in the City near the Ballpark. (8) Education Specialist Rehbein and Maintenance Operator Hernandez have been working on a garden at the back of the property and also preparing a community garden at the front of the facility. Dr. Rehbein has been working with Trustee Barth on best management plans for the design of this habitat, with a special emphasis on pollinator-friendly flora that may provide additional nectar/pollen sources for native insects. Trustee Barth has provided valuable advice and contacts, in addition to a seed starter pack. (9) Jordyn Aldrich has a lot of gardening expertise, and we have hired her on a part-time basis to help Education Specialist Rehbein with the community garden and with other small grants and projects, such as the native seed project, mentioned above. (10) We will be reducing water consumption by xeriscaping some of the grass areas at the front of the facility. Trustee Barth will share her expertise in helping with this project.

**10. Probable Agenda Items for 17 August 2023 Board Meeting:**

- Executive Director's Report
- Grants Updates
- Website Update
- Personnel Update

**11. Public Comment:**

There were no members of the public present at this time.

**12. Adjournment:**

Trustees Mooers and Barth made and seconded a motion to adjourn the meeting at 2:17 p.m., which passed unanimously. The 17 August 2023 Regular Monthly Board Meeting will begin at 12:30 p.m.

  
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Ary Faraji, Executive Director

17 AUG 23  
Date

  
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Carlton Christensen, Chair 2023

8/17/23  
Date