

**MINUTES OF THE
SALT LAKE CITY MOSQUITO ABATEMENT DISTRICT
16 November 2023
BOARD MEETING**

Presiding: Carlton Christensen, Chair

Time: 12:31 p.m.

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

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

Trustees Excused: Amanda Barth

Others Present: Gregory White, Ph.D., Assistant Director
Aleta Fairbanks, CPA, CFO
Christopher Bibbs, Ph.D., Laboratory Director (attended during item 8.)

1. Roll Call:

Trustee Christensen called the meeting to order at 12:31 p.m. and confirmed that the meeting was being recorded. No conflicts of interest were declared. Trustee Barth and Executive Director Faraji were excused from the meeting due to conflicting obligations.

2. Approval of the 19 October 2023 Minutes of the Board of Trustees:

The pending minutes of October's regular Board Meeting had been previously distributed to the Trustees for review, and all recommended changes had been completed. Trustee Mooers made a motion to approve the 19 October 2023 Minutes of the Board of Trustees, as modified; the motion was seconded by Trustee Turner and passed with a unanimous vote.

3. Presentation of the October 2023 Financial Statements and Approval of Bills for Payment:

The Trustees had received copies of October's Financial Statements 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. The Trustees asked for an update on the bond debt, and CFO Fairbanks said she would email out the remaining bond balances right after the Board Meeting. The State Treasury

Account received \$54,181.72 in interest, and \$236,256.58 was expended during the month. Documentation for all payments was reviewed when the checks were signed, and the credit card statements, supporting invoices/receipts for all payments, and Balance Sheets were made available for review. After all questions about the financials had been answered, Trustee Turner made a motion to approve the October 2023 Financial Statements and the bills for payment; this motion was seconded by Trustee Mooers, and it carried with all in favor.

4. Discussion and Approval for Purchase of a TRX-520FE2 ATV from Utah Statewide Best Value Cooperative Contract:

Because it will be necessary to replace three of our ATVs before the next mosquito season, our field supervisors have been looking to see if any of our desired models are available for purchase. Steadman's Recreation anticipates receiving an acceptable ATV before the end of the year and provided a quote for \$9,075.00, including freight and licensing. Steadman's Recreation is on the approved vendor list with the State of Utah Division of Purchasing, and the Trustees were asked to approve purchasing this ATV right away rather than waiting until 2024. Trustee Vickers made a motion to approve purchasing the 2024 TRX-520FE2 ATV from Steadman's Recreation. His motion passed unanimously after being seconded by Trustee Turner. The retired ATVs will be sold through Utah's GovDeals.com.

5. Update on Grants / Projects:

Brian Foy is the Principal Investigator with CDC's RaHP-VEC \$6,068,841 grant that was awarded to Colorado State University. (Our portion will be \$1,013,795 over five years.) The grant was scheduled to begin 1 July 2023, but we finally received some preliminary paperwork this week. We are the lead on the field evaluations for larvicides and adulticides, and we have begun surveying abatement capabilities in the different regions. Our goal is to identify the differing needs and capabilities and also what can be done to increase efficacy and capacity. Next year, we will be holding a week-long workshop for grant participants teaching mosquito biology, taxonomy, pathogen detection, insecticide resistance monitoring, calibrations, trap maintenance, epidemiology, pollinator health, etc.

We indirectly submitted three different proposals to the American Mosquito Control Association Research Fund (AMCARF): one through Laboratory Director Bibbs with the University of Central Florida; one supporting Trustee Vickers' proposal from the University of Utah; and our own proposal on modeling and deposition work on ULV adulticide applications with Unmanned Aerial Systems. All three of these endeavors were invited to submit full proposals, but we have not yet heard anything about the final status of these grants.

6. Updates on Construction Project, Architect, Engineers, and FAA:

We have been continuing with our weekly Owner/Architect/Engineer (OAE) meetings; the drainage studies and schematic designs are completed. Our landscape

engineers have indicated that we are able to move all of the water from the back lot into the front detention ponds, and then 80% of this water can be discharged from the front lots into the City's stormwater drainage system. We are obtaining the additional information the FAA has requested prior to approving our helicopter plans. We are ready to make more detailed decisions, and mechanical / electrical engineering consultants will now be invited to attend our weekly meetings. We also need to obtain a conditional use permit from the Salt Lake City Planning Commission. An official presentation will be given to the Board during December's Board Meeting.

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

The following training/meetings were available for discussion if the Trustees had any questions or comments:

- **American Society of Tropical Medicine & Hygiene, 18-22 October 2023**

Assistant Director White was scheduled to fly to Chicago for this meeting, but he injured his back and was unable to do so. Fortunately, he was able to obtain refunds on most of the expenses.

- **Northwest Mosquito & Vector Control Association, 23-25 October 2023**

Because of upcoming deadlines, Executive Director Faraji was only able to make a quick trip to Whitefish, Montana. He attended the conference and gave his presentation on 24 October 2023, and then he quickly returned to Utah.

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

UMAA's Annual Conference had a good mix of national and local speakers this year, and the Trustees enjoyed it. There were some problems with the venue, and it would be nice if the conference could be held a little earlier in October so it doesn't overlap with Halloween. The Board Members were pleased to hear that UMAA now plans to have the Trustee Session on Monday, prior to the reception. This will allow the Trustees to receive their training and also participate in the general session.

- **Entomological Society of America, 6-9 November 2023**

Executive Director Faraji attended this year's Entomological Society of America's annual conference that was held in Maryland. He is the upcoming president for the Medical, Urban, and Veterinary Entomology section and also serves as a Subject Editor for the Journal of Medical Entomology. He felt it was an extremely productive meeting; next year this conference will be held in Phoenix, Arizona.

- **Utah Association of Special Districts, 8-10 November 2023**

Assistant Director White, CFO Fairbanks, and Trustee Turner attended UASD's annual meeting at the Davis Conference Center in Layton, which allowed them to receive Trustee training and learn about legislative updates, new technology

opportunities, and best practices for running the District. The Utah Transit Authority also sponsored Trustee Christensen's attendance at the conference, and he received special recognition for the service he has provided to several special districts in Utah.

- **University of Utah, Entomology Class, 14 November 2023**

Executive Director Faraji spoke to undergraduates at the University of Utah, and several of the students expressed an interest in working for the District during the summer.

- **University of Utah, Bioluminaries, 15 November 2023**

Trustee Vickers was heavily involved in setting up this opportunity for students to strategically learn about possible careers in biology that differ from the medical or academic fields. Executive Director Faraji spoke about his career path and how it led him to mosquito abatement. This was also another opportunity to recruit seasonal workers.

- **DSLASA, 6 December 2023**

The next DSLASA board meeting will be held on 6 December 2023. The Trustees were reminded that another board member will need to join Trustee Vickers in representing our District because La Vone Liddle will be stepping down after December's meeting.

8. Executive Director's Report:

The Board Members were given a brief update and/or discussed the following: 1) We have a few employees who are assisting with maintaining eight mosquito colonies in our insectary. 2) Laboratory Director Bibbs was welcomed to the meeting at 1:36 p.m. He provided an end of year surveillance report presentation comparing current year statistics with prior years, along with reasons for variances. 3) After his presentation, Laboratory Director Bibbs briefly summarized the paper that was published on the "EVALUATION OF AN AERIAL APPLICATION OF DUET HD® AGAINST *AEDES DORSALIS* AND *CULEX TARSALIS* IN RURAL HABITATS OF THE GREAT SALT LAKE, UTAH". This was an aerial mosquito control trial performed in collaboration with Clarke Mosquito Control. Although the product was quite effective against some species, the results were not as favorable as desired for *Culex tarsalis*. This reduced efficacy was increased with mosquito populations collected near farms and residential homes, indicating that insecticide resistance may be increasing as a result of exposure to over-the-counter and agricultural products that are based primarily on pyrethroids. This is particularly concerning because the District is not a heavy user of pyrethroid insecticides. Instead, we rely on naled, an organophosphate, that continues to show efficacy because of its limited usage by mosquito-control professionals.

9. Probable Agenda Items for 14 December 2023 Board Meeting, which will begin at 4:00 p.m.:

- Executive Director's Report
- Grants Updates
- Personnel Update
- 2023 and 2024 Budget Discussions

10. Public Comment:

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

11. Adjournment:

Trustees Mooers and Vickers made and seconded a motion to adjourn the meeting at 2:27 p.m., which passed unanimously. The next Board Meeting will begin at 4:00 p.m. on 14 December 2023.

Ary Faraji, Executive Director

Date

Carlton Christensen, Chair 2023

Date