



## *Weber Mosquito Abatement District*

Ryan J. Arkoudas, Director  
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The Board of Trustees of the Weber Mosquito Abatement District met in public session July 13, 2015 at 6:00 pm., at the Weber Mosquito Abatement District headquarters, 505 W. 12<sup>th</sup> Street, Ogden, UT, 84404. Meeting was called to order by Board Chair Kim Slater. On roll call the following members were found to be present:

Director Ryan Arkoudas  
Assistant Director Keith Hill  
District Clerk Becky Christiansen  
Board Chair Kim Slater  
Vice Chair Boyd Ferrin  
Sallee Orr  
Robert Jensen  
Steve Gibson  
Gordon Cutler  
Bruce Higley  
Max Ferre  
Doug Stephens  
Brad Hilton  
Jeff Pearce  
Vernal Anderson  
Lynn Satterthwaite  
Brent Ellis

Trustee Kyle Cooke and Commissioner James Ebert were excused.

**Approval of the June 8, 2015 Board Meeting Minutes.** A motion to approve the meeting minutes of June 8, 2015 was made by Trustee Brad Hilton, seconded by Trustee Boyd Ferrin. Motion passed.

**Monthly Budget Report.** Director Ryan Arkoudas reviewed the Monthly Budget Report. General Fund expenditures for June totaled \$118,626.32. The General Budget expended YTD is 50.98%. \$781.84 was spent in June on Capital Expenditures. Total expenditures in June totaled \$119,408.16. Public Treasurer's Investment Fund balance is \$1,222,811.90. The Bank of Utah checking account balance as of June 30, 2015 totaled \$151,255.66.

**Approval of the Monthly Bills.** The Board proceeded to discuss the monthly bills. Director Arkoudas explained the bill to Adapco in the amount of \$21,520.40 for the purchase of chemical. The expense to Univar in the amount of \$1,975.49 is for the purchase of two backpack sprayers, and the bill to Haynie & Co. in the amount \$5,600 for the 2014 audit. A motion was made by Trustee Steve Gibson, seconded by Trustee Bruce Higley to approve the monthly bills. Motion passed.

**Director's Report.** Director Arkoudas discussed the meeting held with Haynie & Co. after the 2014 audit report. Tyler Curtis, Haynie & Co., suggested we transfer money to Capital Projects in December in order to avoid the negative finding due to the fund balance being greater than 100% of the current year's property tax value.

To date 90,000 acres have been ULV sprayed on the ground, 58,000 in June alone. Becky and Janice have stocked over 700 fish ponds with 17,000 fish and are currently treating storm drains. Samples are being sent to the state lab. To date 282 samples have been sent in with one West Nile positive in Riverdale. Heavy spraying was done in Riverdale and the surveillance trap the following week showed a 70% reduction and tested negative for WNV. Director Arkoudas was interviewed by KSL, ABC and Fox 13 news on the positive West Nile Virus sample. The Board viewed the KSL and ABC broadcastings.

The fish hatchery is showing good production. On average 110 new fry are born a day. To date approximately 8,700 have been born.

Director Ryan Arkoudas presented the Board with a bid form for approval to finish construction on the graveled area between the chemical storage and the fish run buildings. Board approval was met. The bid form was reviewed by the Weber County Attorney's Office.

The Board proceeded to discuss the annual Christmas party and offered suggestions for the location. The Trustees preferred Ruby River in Riverdale.

The Utah Mosquito Abatement Association Annual meeting will be held in Provo, Utah October 4-6, 2015 at the Marriott Hotel. More information will be provided.

The Board proceeded to discuss the college intern's progress. Mike Maynor is currently mapping spray requests on the GIS system. The board was presented a visual demonstration of the 2015 spray requests.

**Research, Development, and Technology Presentation.** Trustee Lynn Satterthwaite and Director Ryan Arkoudas proceeded to discuss how an unmanned aerial vehicle (UAV), commonly known as a drone, would improve operations for the district. A big concern for aerial applications is temperature inversion. With the use of a UAV, temperature readings would allow the district to monitor the inversion level. The use of a UAV could also provide visual over dense areas and deliver latitude and longitude coordinates to be recorded in the GPS system. Perhaps in the future UAV's could deliver larvicide or adulticide applications to remote areas. The FAA, however, has special requirements for the use of a UAV and many exemptions must be provided.

The Board discussed the option of investing in lab equipment to test the mosquito pools for WNV. Currently the State Lab tests the samples at \$10 per sample. Next year the fee is \$17 per sample tube. Lab equipment would cost approximately \$40,000. The use of a lab would eliminate paying the State Lab to test the samples and would provide more immediate results. Director Ryan Arkoudas will provide the Board with more information in the future.

**Adjourn.** A motion to adjourn was made by Trustee Steve Gibson, seconded by Trustee Lynn Satterthwaite. Motion passed. Meeting adjourned at 7:20 P.M.

Attested \_\_\_\_\_ Date \_\_\_\_\_