

AUGUST 11, 2022 MINUTES

The regular meeting of the Sutter-Yuba Mosquito & Vector Control District Board of Trustees was called to order by Board Secretary Sanbrook at 4:30 P.M., Thursday, August 11, 2022.

PRESENT: Secretary Sanbrook, Trustees Schmidl, Guzman, Ghag and Kirchner

ABSENT: President Harris and Trustee Link

ALSO PRESENT: Manager Abshier and General Foreman Hunt

EMERGENCY AGENDA ITEMS: None

CONSENT AGENDA:

- A. Minutes of July 14, 2022
- B. Bills for July 2022
- C. Merit increase for Tim Houser, Field Foreman: Mr. Houser is being recommended for a salary increase to be effective August 1, 2022. The salary increase will be from step 4 to step 5 of the salary range schedule for Field Foreman.

A motion was made by Schmidl and seconded by Kirchner approving the consent agenda. The motion was approved by a unanimous vote.

APPROVAL OF THE SUTTER-YUBA MOSQUITO & VECTOR CONTROL DISTRICT'S DEFINED BENEFIT PLAN ACTUARIAL VALUATION REPORT AND DETERMINATION OF THE ANNUAL CONTRIBUTION FOR THE PLAN YEAR JULY 1, 2022-JUNE 30, 2023: Abshier referenced the Evergreen Actuarial Valuation report, which recommended a contribution of \$66,112 for the current plan year. The Board previously approved \$75,000 in the 2022-2023 budget in July. Abshier noted the portfolio balance from 6-30-21 to 6-30-22 was down \$161,363.20. The Defined Benefit Plan is currently funded at 124%. A motion was made by Schmidl and seconded by Ghag to approve the report and the recommended annual contribution of \$66,122 to the Defined Benefit Plan. The motion was approved by a unanimous vote.

APPROVAL TO SEND DISTRICT PERSONNEL AND TRUSTEES TO THE MVCAC ANNUAL CONFERENCE IN ANAHEIM, CA. ON JANUARY 29 THROUGH FEBRUARY 1, 2023: Approval to send three District staff and up to three Trustees was discussed. The hotel rate is \$269 per night which includes the meeting space, one lunch and two breakfasts. Airfare will be approximately \$120 per person round trip. The Conference registration will be \$375 per person. A motion was made by Guzman and seconded by Sanbrook to approve sending District staff and Trustees to the MVCAC conference. The motion was approved by a unanimous vote.

APPROVAL TO PURCHASE A SECURITY CAMERA SYSTEM TO COVER OUTSIDE AREAS OF THE DISTRICT YARD: Abshier advised we have become increasingly concerned about the security of District property, since the burglary on July 22nd, where two ATV's with foggers were stolen. Abshier noted we met with surveillance equipment provider, The Phone Smith, to discuss our video surveillance needs. We decided we are in need of 13, 4k surveillance cameras to cover the most vulnerable areas of the District yard. The Phone Smith advised their surveillance system would archive to a local DVR and have web access. The shop buildings out back that lack a phone line, would require a wireless bridge. The Phone Smith's quote for the 13 camera system including the wireless bridge is \$10,744. Trustee Guzman advised that Wheatland High has an extensive camera surveillance system. Guzman added the school is often vandalized with most incidents occurring at night. The picture quality is very poor in the low light conditions, and not of a quality to identify the perpetrators. The item failed due to a lack of a motion.

HEALTH INSURANCE RENEWAL RATES FOR THE PERIOD BEGINNING JANUARY 1, 2023 THROUGH DECEMBER 31, 2023: Abshier noted the amount budgeted in July was for a 10% increase. The actual health insurance rate increase came in at 9.5%, which would increase the premium by \$2,919.02 to \$33,658.34

monthly, for all permanent District employees. This increase is being attributed to recent high dollar claims and increased costs associated with Covid-19 and elective surgeries which had been delayed due to Covid-19. Abshier noted after exploring other health insurance options as directed by Trustees last year, SDRMA premiums were identical to Golden State Risk Authority, the group used by the Butte County MVCD. Abshier added we are fortunate to have joined the SDRMA, providing the purchasing power of a group rather than purchasing insurance on our own. A motion was made by Guzman and seconded by Sanbrook approving the 9.5% increase in health insurance rates for 2023. The motion was approved by a unanimous vote.

DENTAL INSURANCE RENEWAL RATES FOR THE PERIOD BEGINNING JANUARY 1, 2023 THROUGH DECEMBER 31, 2023: A proposed decrease of 0.9% is planned for dental coverage for 2023. The monthly cost for dental coverage for 2023 will be \$1,144.10 for all permanent District employees. A motion was made by Ghag and seconded by Kirchner approving the \$1,144.10 monthly premium for dental coverage. The motion was approved by a unanimous vote.

VISION INSURANCE RENEWAL RATES FOR THE PERIOD JANUARY 1, 2023 THOUGH DECEMBER 31, 2023: No premium increase is proposed for vision coverage for 2023. The rate is guaranteed through January 1, 2026 at \$160.30 monthly for all permanent District employees. A motion was made by Schmidl and seconded by Ghag approving the vision insurance premium. The motion was approved by a unanimous vote.

PUBLIC COMMENTS: None

MANAGER COMMENTS: Statewide there have been seven human cases, 60 dead birds, 969 mosquito samples, 17 sentinel chickens, and two horses test positive for WNV.

Abshier reported on West Nile virus activity in the District. In Sutter County, the State is reporting no human cases, two positive dead birds and eighteen positive mosquito pools. Two sentinel chickens have sero-converted. In Yuba County, none of the tested dead birds have tested positive, while six mosquito pools have come back positive. One sentinel chicken north of Marysville has sero-converted. The *Culex tarsalis* numbers are coming down and *pipiens* numbers are low compared to the ten year average. *Anopheles* numbers are heading up with the peak typically coming near the Labor Day holiday. Our aerial larviciding program has been completed with 102,206 acres treated. We have treated 133,450 with ground truck adulticide applications. Thus far, 222,500 acres have been treated with adulticides by air. We switched from Pyronyl to Trumpet by air, the week of July 25th. Trumpet is the most effective material we have. It is a heavier material, coming down to hit target areas more predictably.

- Our aerial swimming pool surveillance program is complete. In Sutter County we had 217 suspect pools with 36 requiring treatment. No warrants were used in Sutter County. Yuba County had 197 suspect pools with 19 requiring treatment. Three warrants were needed to gain entry to inspect suspect pools in Yuba County.
- A field cage test was conducted to evaluate the efficacy of Pyronyl 525, a natural pyrethrin adulticide. The product was applied by air. The results were good where the droplets reached the cages.
- A cup test was conducted to evaluate the efficacy of Vectobac WDG, the product we use in the A-1 Mist Blower for larval control of the invasive *Aedes*. The results have shown the product is penetrating shrubbery and resulting in excellent larval control.
- A field cage test using Trumpet applied by air resulted in 100% kill in all cages.
- Bottle bio-assays have been performed using malathion, deltamethrin, etofenprox and permethrin. The assays are a method of testing for resistance in the District, using lab reared and wild caught mosquitoes. Test results showed the efficacy of permethrin similar to last year, with delayed mortality. Malathion showed 74% mortality at diagnostic time with 99% at 105 minutes. Deltamethrin showed poor results, with only 16% mortality; which may have been a result of

an under-dose and should be repeated again next year. Etofenprox results show we still have resistance to this product.

- Abshier advised that our media outreach is ongoing. Abshier noted he had an interview on KUBA Wednesday morning and is scheduled with 93Q on August 15th. Several articles have appeared in the Appeal-Democrat. Advertising continues on radio stations, KUBA, KKCY, 93Q and Rhythm 105.
- *Anopheles* numbers are on the increase, which typically results in an increase in the number of requests for service.
- Invasive *Aedes aegypti* detections this year have not shown any new areas compared to last year. In the detection areas we will be performing weekly, wide area larviciding (WALS) treatments for three consecutive weeks followed by bi-weekly treatments for an additional three treatments. The WALS treatments target cryptic or hidden sources where the invasive mosquitoes prefer to lay their eggs. Additionally, adulticiding missions in these areas will be increased to twice per week.
- The MVCAC summer meeting was held July 28, 2022. Topics included adding pyriproxifen to the NPDES permit and meeting with the CDFA concerning a vector control exemption to the bee keeper notification requirements. Additional items discussed were the in-person Legislative Day to be in mid-February and the updating of the MVCAC bylaws concerning member types for vendors and industry.
- We have started losing some of our summer employees, they are returning to school.

TRUSTEE COMMENTS: None

ADJOURNMENT: There being no further business, a motion was made by Schmidl and seconded by Ghag to adjourn the meeting. The motion was approved by a unanimous vote. Secretary Sanbrook adjourned the meeting.

John Sanbrook, Board Secretary