The Mason Valley Mosquito Abatement District Board held a meeting on June 14, 2023.

PRESENT:
Joan Blake Ed Moreda Bev Smith
Linda Romero Bud Stinson Alyce Reese

Meeting called to order at 7:00 PM by Chairwoman, Joan Blake. In accordance with the “Nevada Open Meeting Law”, the meeting is taped. The meeting tapes will be stored at the Mosquito Abatement office.

Items of Discussion:

1.) Motion by Linda Romero to accept the June 14, 2023 meeting agenda as presented. Second by Ed Moreda.

2.) Minutes - March, 2023 Motion to approve as presented, by Bev Smith with second by Ed Moreda. Note: No meetings in April (Bud’s illness) and non-posting of Agenda in May.

3.) Managers report - May 2023
Bud starts his monthly report with “the perfect storm” has arrived. His informative report is attached. Several items of items were also discussed:
- Fray Aerial spraying from Fallon has contact Bud to advise they are able to provide ULV spraying.
  Yerington Paiute Tribe has inquired as to mosquito abatement in their areas. Bud has initiated an agreement for abatement; and to include their past due billing from previous year.
  Plan to distribute brochures at community business’s, listing various things residents can do around homes, etc. to help in avoiding mosquito activity.
  Also make use of Lyon County and Pizen Switch websites to inform readers of combatting mosquitos in their residential areas.
  Received a letter of authorization from VDCI for aerial application in Mason Valley.
  Boys & Girls Club “Night in the Country” have offered to reimburse for aerial flight or chemical costs.
  Bud recommends using the mosquito spray “Picaridin. He feels most effective.
  Washoe and Churchill Counties have offered equipment and personnel to help in mosquito abatement if needed.
Our Seasonal Laborer, Kyle, has submitted his two week notice effective this date. He has received an offer of employment at a mine in Winnemucca. He has worked three weeks and was a good worker. Sorry to lose him. Bud will repost the laborer vacancy. The river flooding has damaged many roads, making access via vehicle, for hand spraying, hand placement of chemical (Altosid), etc very hazardous.

4.) **BILLS = May 2023**

   Ed Moreda motioned to pay May bills in the amount of $51,119.82. Second by Alyce Reese. Bud mentioned recent chemical purchase bills have arrived, as well as with Aerial application costs.

4.) Chemical usage for coverage by Larvicides and Adulticides to treat 6, 586 acres for May.

5. **Correspondence:**
   None

6.) **Public Participation:**
   None

**WEED DISTRICT ACTIVITY:**

Dan Tracy has returned as our Seasonal Laborer. He is currently performing Equipment maintenance and chemical preparation.

Meeting adjourned at 7:35 PM

[Signature]

Alyce Reese, Secretary

Attach: 1 sheet
Mason Valley Mosquito Abatement District
Yerington, Nevada

District Manager’s Report

For June, 2023

Big news! We got our ULV Aerial support back! And now we are knocking the mosquito population back! We did our first flight the night of 6/28, and have two more scheduled thru 7/19.

June was beyond a challenge! It was a record setting month! In all of my 34 yrs. here, we’ve never treated 39,636 acres, in a month! And that was just a small portion of what we had to deal with.

I kept a buffer zone treated from Miller Ln. south thru the valley, just to keep our communities safe. We could not afford to larvicide further north, and continue this control level. We have been adulticiding the main flood waters north of Miller, to reduce the overall number of mosquitoes, it has helped immensely.

Since we started our ulv flights, the calls have dropped, we were getting up to 20 calls a day and now I have only got 23 in the last 12 days. We are gaining on them! Trap counts went up to 2,629 mosquitoes in one trap, north of Miller, (no treatment area), and the further south I trapped into the treated areas, the lower the counts got. I picked up 162 at Mason Ponds, which is great for these conditions. In a dry year, I would expect that from Miller Ln. and only double digits elsewhere, but this year 162 anywhere along the river is great! The trap counts are proof of the difference we are making.

Our costs are still coming in, but we made it thru the month and July starts the new budget. I believe we are “over the hump” and are regaining control, the trap session next week will tell. Currently we have not found any arbovirus, all submissions have been negative! Now if we find any we have to keep it from spreading! Time to concentrate on the Culex population. Currently the culex population has been lower than expected but now that a lot of the flood water is getting isolated from the main flows, that species will be on the rise. Culex mosquitoes are the main vector for WNV as well as St. Louis Encephalitis. I will be trapping and testing thru August, at least.

Our mosquito fish are helping us now. The early plants we did are “kicking in”, as we are finding thousands of fish, in most of the waters that are still tied to the river. We are currently checking jobsites off the list as the fish are showing up and taking control, no need for chemical treatments there. They will survive till each site either isolates and dries up or the water quality gets too poor to support them, if then we will have to treat again. Now we need to reestablish fish into the west Wabuska water. We started planting there in May but got too busy working the flood, and had no time for fish. When it slows we will get more fish in there.

questions/comments? B.W.Stinson

Ok, that’s it for now,
# MASON VALLEY MOSQUITO

## ABATEMENT DISTRICT

Chemical Use Report

For June, 2023

Larvicides

<table>
<thead>
<tr>
<th>Product</th>
<th>Quantity</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALTOSID:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P-35</td>
<td>20 lbs.</td>
<td>3 ac.</td>
</tr>
<tr>
<td>Sr-20</td>
<td>45 gl.</td>
<td>5,760 ac.</td>
</tr>
<tr>
<td>XR Brqts.</td>
<td>200</td>
<td>1 ac.</td>
</tr>
<tr>
<td>XRG Ultra</td>
<td>182 lbs.</td>
<td>30 ac.</td>
</tr>
<tr>
<td>Aquabac XT</td>
<td>578 gls.</td>
<td>6,165 ac.</td>
</tr>
<tr>
<td>Vectomax CG</td>
<td>55 lbs.</td>
<td>9 ac.</td>
</tr>
</tbody>
</table>

Total larvicided acres = 11,968 ac.

Adulticides

<table>
<thead>
<tr>
<th>Product</th>
<th>Quantity</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anvil 10/10</td>
<td>56 gls.</td>
<td>8,120 ac.</td>
</tr>
<tr>
<td>Biomist 31/66</td>
<td>27 gls.</td>
<td>3,944 ac.</td>
</tr>
<tr>
<td>Dibrom</td>
<td>30 gls.</td>
<td>5,120 ac.</td>
</tr>
<tr>
<td>Zenevex</td>
<td>73 gls.</td>
<td>10,483 ac.</td>
</tr>
</tbody>
</table>

Total adulticided acres = 27,668

Total acres treated for mosquitoes, in June, 2023...39,636 ac! (New record)

B.W. Stinson