

# State of the District

## Southwest Mosquito Abatement & Control District- as of February 2021

**Purpose:** To answer these three questions:

- 1- Where are we now?
- 2- What has been improved?
- 3- Where are we going?

**Categories and Topics of discussion:**

1- SWMACD Building/ Capital Improvements

- a. All doors re-keyed.
- b. New more efficient outdoor lights purchased.
- c. Lab renovations – paint and floors.

2- Vehicles

- a. New truck ordered.
- b. Sliders redesigned for better efficiency.
- c. New floor mats purchased and installed in trucks.

3- Treatment systems

- a. Purchased new electric fogger.
- b. We only used 8.47 gallons of product for fogging over 577 acres in 2020.
- c. Mosquito Surveillance Tech's built bridge at Pineview Estates to help access area better.

4- Surveillance

- a. Sunrise GIS updates include priority areas and tombstone icons for old sites.
- b. Rearranged trap area in shop. Added tables, more buckets, regulators.
- c. Drone for mapping and surveillance has been purchased and tested.

5- Lab

- a. St. Louis Encephalitis positives found last season.
- b. Aedes Aegypti found in St. George.
- c. Working on new extraction processes.

6- Office

- a. Updating Mosquitoes of Utah book.
- b. Working with DSU museum to still collect specimens.
- c. Website being updated to incorporate spray notification areas.

7- Miscellaneous issues

- a. Annual UMAA conference planned for Park City, Utah in late October 2021.
- b. AMCA virtual conference March 2<sup>nd</sup> -5<sup>th</sup>.
- c. Building relationships with DWR, Virgin River Management org., & Flood Control Board.