

State of the District

Southwest Mosquito Abatement & Control District- as of February 2022

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. Lab renovations – floors and paint. – Completed
- b. Locker area for employees.
- c. Update garage doors and finish upstairs storage room.

2- Vehicles

- a. New floor mats purchased and installed in trucks. – Completed
- b. Shelving installed in back of trucks for tools. – Completed
- c. Hope to get a new truck.

3- Treatment systems

- a. Purchased better tools for trail cutting and source access.
- b. Purchased new backpack fogger. – Completed
- c. We only used 5.31 gallons of product for fogging over 441 acres in 2021.

4- Surveillance

- a. Sunrise GIS updates include priority areas and tombstone icons for old sites.
- b. Added 10 more additional traps to the rotation. 30 traps per night.
- c. Aedes aegypti found in Springdale.

5- Lab

- a. 0 positive WNV or SLE positives found.
- b. Working on updating RNA extraction process.
- c. Updating Southwest Mosquito ID book.

6- Office

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

7- Miscellaneous issues

- a. Annual UMAA conference planned for Park City, Utah in late October 2022.
- b. AMCA conference February 28th – March 4th, 2022.
- c. Building relationships with DWR, Virgin River Management org., & Flood Control Board.