

Mosquito Surveillance Report- November 2025 Board Meeting

1. 2025 Employees-

- 5 Full-time, benefited employees
- 2 Full-time, non-benefited employees
- 4 Seasonal employees

2. Trapping-

- Traps set per week- 17 (6 - 10 for off-season)
- Trapping nights year-to-date- 75 (including aegypti) (63- last year)

3. Collections (adults)-

- Total mosquitoes collected YTD- **29183** (40056 - last year)
- Aedes aegypti 2025 – Sources found in St. George, Springdale, Santa Clara, Hurricane
 - 2024- aedes found at 59 unique properties
 - Trap collections previous years- 2024- 107; 2023- 5; 2022- 192; 2021- 76; 2020-37

4. Testing-

- Total vials tested year-to-date- **589** (483 - last year)
- Positive WNV pools to date- **3** (0 - last year)
- Positive SLE pools to date- **0** (0 last year)

5. Treatments (larval)-

- Total larval treatments-to-date- 2006 (2840 - last year)
- Total site inspections to-date- 5984 (7919 - last year)
- Storm drains treated- 3588 (3664 - last year)
- Troughs treated- 112 (313 - last year)

6. Fogging-

- 79 adulticide treatments – 6.3 gallons used over 245 acres
 - Comparison from last year- 14.3 gallons used over 619 acres

7. Service Calls-

- Total service calls to date- **369**
 - Comparison to last year- 174 (2023 – 108)

8. Education & Training-

- UMAA annual conference October 27th – 29th, Park City, UT
- One Health Symposium November 5th, SUU Cedar City, UT
- UASD annual conference November 5th – November 7th, Layton, UT