

## **Mosquito Surveillance Report- November 2024 Board Meeting**

### **1. Seasonal employees-**

7 - seasonal employees hired this season

### **2. Trapping-**

-Traps set per week- 28 (6 - 10 for off-season)

-7 outlying (every other week)

-Trapping nights year-to-date- 75 (including aegypti) (63- last year)

### **3. Collections (adults)-**

-Total mosquitoes collected YTD- **37503** (33524- last year)

-Aedes aegypti - 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- 483 (601- last year)

-Positive WNV pools to date- **0** (15- last year)

Positive SLE pools to date- 0 (3 last year)

### **5. Treatments (larval)-**

-Total larval treatments-to-date- 2840 (2730- last year)

-Total site inspections to-date- 7919 (7689- last year)

-Storm drains treated- **3664** (312- last year)

-Troughs treated- 313 (453- last year)

### **6. Fogging-**

-14 adulticide treatments – 14.3 gallons used over 619 acres

-Comparison from last year- 1.76 gallons used over 100.4 acres

### **7. Service Calls-**

-Total service calls to date- **173**

-Comparison to last year- 108 (2022 – 57)

### **8. Education & Training-**

-UMAA annual conference October 28<sup>th</sup> – 30<sup>st</sup>, St. George, UT

-UASD annual conference November 6<sup>th</sup> – November 8<sup>th</sup>, Layton, UT