

September and October 2021 Manager's Report

Submitted by: Michele Rehbein, Manager MMAD

Board Meeting Date: November 1, 2021

MMAD September 2021

- MMAD finally has a logo!
- Continued surveillance and control for *Ae. aegypti*.
- I attended the monthly UMAA meeting on September 2.
- I attended the biweekly UT arboviral coordination call September 2.
- A ULV truck fogging was conducted Friday, September 3 at 9:00 PM.
- I did a phone interview with Molly Marcello from KZMU that aired on Monday, Sept. 6 and will be a part of the KZMU podcast.
- The MMAD team has been busy battling *Ae. aegypti*. Treatments, contacting officials, other organizations, talking with people while out doing surveillance work, ULV fogging, educational outreach.
- A ULV fog from a truck was conducted Tuesday, September 7 at 9:00 PM.
- Submitted a Notice of Intent for our general pesticide permit to the UT Department of Environmental Quality for the Utah Pollutant Discharge Elimination System (UPDES) Pesticide Permit.
- Started writing a "No Spray Zone" policies and procedures document, this includes a form residents can apply for and submit to MMAD on an annual basis with their reason why they would like to be added to a no spray request. These requests will be evaluated annually.
- Met with Mila Dunbar-Irwin, Sustainability Director of Moab City, September 9.
- I did a KZMU live public affairs conversation on September 13 at 5 pm with Molly Marcello to talk about mosquito abatement.
- I ordered a new microscope with a camera attached.
- Prepared for the STEMonstration booth for Moab Festival of Science.
- Michael ran 17 pools of mosquitoes for WNV September 17 (*Cx. erythrothorax*), all were negative.
- Talked with Mayor Emily Niehaus about her wanting to partner with MMAD and help with educational outreach. She invited me to present at city council on Oct. 12.
- Rachel Fixsen from Moab Sun News spent a half day with MMAD on September 21 interviewing myself and the crew and learning more about what we do. An article should be in print within a couple weeks.
- Greg White from SLCMAD invited me to present at the upcoming UMAA conference in October.
- Michael ran 12 RAMP tests (*Cx. erythro's*) all were negative for WNV.
- I participated in the Moab Festival of Science STEMonstration booth for MMAD on September 25.
 - I met Yuli George at the festival from Moab Charter Schools and said they would be interested in future mosquito educational programs for the kids there – I sent her a follow up email.

MMAD October 2021

- Worked on both the UMMA and city council presentations.
- Began working on an informational/frequently asked/fact sheet to add to our website.
- Izzi Weimholt from Grand Co. Weed Dept. led the MMAD crew with a basic chainsaw safety and handling training for field work on October 5.
- The crew began to transition from mosquito treatments to trail work.
- Reached out to Andrea Gloria-Soria from Yale about population genetic analysis on the *Aedes aegypti* found this year to see if they were a new introduction or remnants from 2019. Specimens were received October 20. Andrea will keep us updated with the progress.
- Talked with Kim Christensen from UPHL about sending some aegypti to their lab for Zika virus testing. Specimens were sent out October 19.
- Ary from SLCMAD passed along a grant opportunity from Western IPM Center. Applicants can be awarded up to \$50K. I am going to get this started and Ary said he could help me with it. It is due December 3.
- Finished the MMAD “No Spray Zone” request form for next season. I hope this can be on our website for next season.
- Through Mayor Emily Niehaus’s invitation, I presented at a city council meeting October 12 on *Aedes aegypti* and protection and prevention of mosquitoes and bites.
- I prepared a tentative budget for FY 2022 with help from Chris Baird.
- I began to write staff evaluations. I will hold individual meetings with each team member in the next couple of weeks to go over these with them and how we can improve for next season.
- Added the Grand County COVID-19 Sick Leave policy to the MMAD handbook (this was shared from Renee Baker from Grand Co. HR dept.).
- The 2004 Ranger truck was brought into ASAP Auto to see what needs to be fixed on it. We may keep it and use it for field work next season, it still has very low mileage on it.
- Myself, Shanon, and Michael traveled to Park City for the annual UMAA conference October 24-26.
 - I presented on two topics at the conference – a bit about my past PhD research and the *Ae. aegypti* issue in Moab.
- On October 28, the MMAD team, MMAD board, TNC, and DWR will meet at the Matheson Wetlands Preserve.

Justification of Expenses:

September and October expenses are broken down into two tables – regular, monthly occurring bills (Table 1) and other expenses (Table 2). Table 1 includes salaries (including overtime), employee benefits, utilities, and work phone costs. Table 2 highlights expenses in office supplies, special department supplies, building and grounds, equipment maintenance costs, subscription and membership fees, travel (conference expenses and fuel for work vehicles), and professional and technical services.

Table 1. September and October combined monthly payments/bills.

Ledger Code	Invoice Date	Requested by	Check Amount	Payee
4275-290	8/20/21	Verizon	\$149.47	Phone
4275-270	9/1/21	Emery Telcom, Moab City, RMP, Dominion	\$330.99	Utilities
4275-110	9/5/21	Payroll Trans	\$18,820.32	Salaries
4275-110-001	9/5/21	Payroll Trans	\$1,086.20	Overtime
4275-130	9/20/21	PeHP	\$10,083.35	Employee Benefits
Total:			\$30,470.33	

Table 2. Month of September and October - Other expenses, combined.

Ledger Code	Date	Requested by	Check Amount	Payee	Item
4275-400	8/31/21	Combined	\$534.49	Special Dept Supplies	CO ₂ , Logo design second payment, MoFoS booth supplies
4275-310	8/31/21	Smuin, Rich & Marsing	\$1,195	Professional and Technical Services	Financial certification
4275-240	9/1/21	Combined	\$91.49	Office Supplies	Rite in the rain notebooks and pencils, business cards
4275-230	9/3/21	UMAA/fuel	\$2,332.16	Travel	UMAA conference registration, fuel for work vehicles
4275-260	9/10/21	Combined	\$18.48	Building and Ground Maintenance	Garage door lock replacement and garbage service

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4275-740	9/15/21	Combined	\$906.29	Capitol Outlay	New microscope and truck oil change
4275-250	9/15/21	Combined	\$228.93	Equipment Main. & Supplies	Slime for wolverine tires, shipment of <i>aegypti</i> to UPHL and Yale
4275-210	10/6/21	UT Taxpayer's Assoc.	\$97.50	Subscription & Memberships	UT Taxpayer's Association annual membership
Total:					\$5,404.24