

July/August 2021 Manager's Report

Submitted by: Michele Rehbein, Manager MMAD

Board Meeting Date: September 13, 2021

MMAD July/August 2021

- I attended the UMAA monthly meeting on July 1.
- Gathered the needed documents for the completion of the agreed-upon procedure for a Financial Survey with Smuin, Rich & Marsing (CPA office) – this was submitted to the state auditor's office for our FY 2020.
- Michele and Michael had an appointment with Frank Dougher, the county GIS Specialist, to help us out with questions on ArcGIS on July 14.
- Joined the Moab Festival of Science (MoFoS) planning meeting July 14, the MMAD will participate in the Festival's STEMonstratation event in late September. I decided to join in on the MoFoS planning and have been attending the biweekly meetings.
- Completed the GRAMA (Government Records Access and Management Act) certification exam on July 15 to be the MMAD records officer.
- Michael ran seven WNV RAMP tests on July 16. The mosquito pools consisted of *Cx. tarsalis* and *Cx. erythrothorax*, all were negative.
- Michael ran 11 pools of mosquitoes (*Cx. tarsalis* and *Cx. erythrothorax*) and all were negative for WNV.
 - *Cx. erythrothorax* numbers were higher during the week of July 19.
 - The highest trap count was 301 *Cx. erythrothorax* from July 21.
- As of July 22, there are a total of 20 WNV positive mosquito pools from other abatement districts – 18 in Davis, 1 in SLC, and 1 in Weber.
- Michael ran 10 pools of mosquitoes (*Cx. tarsalis* and *Cx. erythrothorax*) during the week of July 26 for WNV, all were negative.
- I successfully completed my pesticide license exam July 30.
- Flash flooding and heavy rains occurred the last week of July. The first week of August was busy with locating any areas of concern and standing water for mosquito larvae development sites.
 - Update August 5: things have slowed down a bit again with the dry weather and diligent work from the mosquito control technicians.
- Tried following up with Obe Tejada from WWRF about MMAD setting up a movable structure on their property to store the side-by-side and if we would have access to the property to retrieve and use it if it was outside of normal operational hours – hasn't gotten back to me yet.
- I met with Tim and Carrie Schwartz from Science Moab on August 3 to discuss the School to Science program and MMADs participation.
- As of August 3, there have been 2 WNV positive pools from Weber, 44 from Davis, 10 from SLCMAD, and 2 from Magna.
- I posted a PSA to encourage Moab residents to empty and drain any standing water from the recent rain/floods and to report any standing water to the district.
 - Received a call August 5 from George Johnson – one of our sites that was on the inspection list for the day already. Check dam behind his house that he says appeared to hold many larvae. Inspected and treated larvae.

- Received a call August 9 from Patsy Kraft, lives in the valley, says standing water behind their house and mosquitoes present and would like someone to spray. Inspected, no larvae found, water looked like there was motor oil in it, several days later went to check again and water continues to evaporate and still no larvae.
- Received another call August 10 from Kaleigh Welch, lives near the Pack Creek Campground, reporting standing water on their property. Inspected and treated larvae.
- Michael ran six pools of mosquitoes for WNV on August 5 consisting of *Cx. tarsalis* and *Cx. erythrothorax*, all negative.
- Quinn Hall helped me complete MMADs Large Financial Survey for FY 2020.
- I attended the monthly UMAA meeting on August 5.
- I attended the biweekly UT arboviral coordination call on August 5.
- Michael ran four RAMP tests (*Cx. tarsalis* and *Cx. erythrothorax* pools) August 10, all were negative for WNV.
- Finally received the MMAD credit card in the mail August 11!
- Booked hotel rooms for the annual UMAA conference Oct. 24-26 in Park City.
- Completed and sent the board my edits for the MMAD Policies and Procedure Handbook.
- Spoke with Izzi Weimholt, Director of the Weed Dept. about being a department under the county.
 - I also spoke with Maddie Logowitz, Director of Grand County Active Transportation & Trails Division, about her experience with transitioning under the county.
- I had a video call August 16 with Katie Green, Implementation Manager for the Commercial Credit Card Program, to go over the Visa Online system for MMADs credit card and any other questions I had.
- Braxton Hines passed his pesticide applicator license exam and his hourly wage increased to \$18/hour.
- Talked with Karissa DeDecker with Issa Designs, Moab local graphic designer, to ask about her logo design process and ideas for MMAD.
- As of August 13, there have been a total of 326 WNV positive mosquito pools reported in Utah: Box Elder has 3, Cache has 1, Davis County has 201, Salt Lake County has 112, Summit and Tooele counties both have 1, and Weber has 7.
- Michael ran eleven pools of mosquitoes (primarily *Cx. tarsalis*) on August 23, they were all negative for WNV.
- August 24 the MMAD team went out on the river to explore the islands for mosquitoes.
- I had a second video call with Katie Green on August 25, Implementation Manager for the Commercial Credit Card Program, to go over coding and reporting for the credit card.
- I attended a UDAF pesticide CEU online presentation about law and safety on August 25.
- The *Ae. aegypti* mosquito was collected in a surveillance trap by Point S Tire August 26.
 - SLCMAD lent us some equipment for barrier spraying and more surveillance supplies.
- Michael tested 23 pools of mosquitoes (*Cx. erythrothorax* and *Cx. tarsalis*) for WNV August 26, all were negative.

- Contacted Tim Moore, District Manager of Grand River Mosquito Control. He said they are planning to attend the annual UMAA conference this year. They have not found any *Ae. aegypti* since 2019.
- Created and shared a document with Rani Derasary from city council she could share with concerned citizens and the public about how to prepare in advance for a scheduled fogging, how to better protect yourself from mosquito bites, and some general information on at-home mosquito control (*i.e.*, empty standing water).

Justification of Expenses:

July and August expenses are broken down into two tables – regular, monthly occurring bills (Table 1) and other expenses (Table 2). Table 1 includes salaries, employee benefits, fuel for work vehicles, and utilities. Table 2 highlights expenses made for adult mosquito surveillance such as CO₂, larger CO₂ cylinders, adapters, and hardware for fitting these. Other expenses include the side-by-side and trailer lease rent fees, our annual rent in the County building, our debt payment to the County, administrative/clerical fees to the County, MMADs website domain annual renewal, logo design fees, field supplies, office supplies, pesticide license application fees, the UASD annual membership dues, and renewal fee for our P.O. Box. Water quality testing kits were ordered to test for nitrate/nitrite and phosphate in water bodies within our district for research purposes and the School to Science program to investigate how water quality may influence mosquitoes.

Table 1. July/August monthly bills.

Ledger Code	Invoice Date	Invoice #	Requested by	Check Amount	Payee
4275-110	6/27/2021	321	Payroll Trans	\$9,325.30	Salaries
4275-130	6/30/2021	50	Payroll Trans	\$1,705.07	Employee Benefits
4275-110-001	6/30/2021	437	Payroll Trans	\$30.90	Overtime
4275-230	6/30/2021	537	Kellerstrass	\$295.43	Travel
4275-110	7/11/2021	94	Payroll Trans	\$8,733.57	Salaries
4275-130	7/11/2021	50	Payroll Trans	\$1,544.15	Employee Benefits
4275-270	7/20/2021	863	Dominion	\$14.59	Utilities
4275-270	7/20/2021	287	Rocky Mtn Power	\$78.56	Utilities
4275-270	7/20/2021	288	Rocky Mtn Power	\$9.48	Utilities
4275-270	7/20/2021	193	Moab City	\$28.70	Utilities
4275-270	7/20/2021	105	Emery	\$54.95	Utilities
4275-130	7/20/2021	768	PeHP (health insurance)	\$3,260.08	Employee Benefits
4275-290	7/20/2021	408	Verizon	\$149.47	Phones
4275-110	7/25/2021	291	Payroll Trans	\$9,201.70	Salaries

MMAD July/August Manager's Report

4275-110	7/25/2021	156	Payroll Trans	\$1,703.66	Employee Benefits
4275-110-001	7/25/2021	220	Payroll Trans	\$38.63	Overtime
4275-270	8/1/2021	95	Emery Telcom	\$125.48	Utilities
4275-110	8/8/2021	95	Payroll Trans	\$9,145.82	Salaries
4275-130	8/8/2021	50	Payroll Trans	\$1,708.59	Employee Benefits
4275-230	8/13/2021	763	Rhinehart Oil Co., LLC	\$273.33	Fuel for work vehicles
4275-270	8/20/2021	252	Moab City	\$33.47	Utilities
4275-270	8/20/2021	863	Dominion	\$12.27	Utilities
4275-270	8/20/2021	364	Rocky MTN Power	\$95.32	Utilities
4275-130	8/20/2021	0123486542	PeHP (health insurance)	\$3,260.08	Employee Benefits
4275-110-001	8/20/2021	221	Payroll Trans	\$30.90	Overtime
4275-110	8/22/2021	330	Payroll Trans	\$8,674.34	Salaries
4275-130	8/22/2021	165	Payroll Trans	\$1,661.38	Employee Benefits
Total:				\$61,195.22	

Table 2. Month of July/August - Other expenses.

Ledger Code	Date	Invoice #	Requested by	Check Amount	Payee	Item
4275-400	6/22/2021	831	Airgas	\$15.57	Special Dept. Supplies (SDS)	Carbon dioxide for traps
4275-400	6/30/2021	832	Airgas	\$8.48	SDS	Cylinder for CO ₂
4275-741	6/30/2021	886	Bancorp	\$5,664	Equipment Lease	Lease rental – UTV and trailer
4275-260	6/30/2021	888680	Walker True Value	\$6.58	Building and Grounds	No parking sign
4275-210	7/5/2021	505	Moabmad.org domain registry	\$148.14	Subscriptions & Memberships	MMADs website domain renewal – annual
4275-250	7/6/2021	665	Amazon	\$50.21	Equipment Maint. & Supplies (EMS)	CO ₂ tank adapter
4275-250	7/12/2021	805	UT Dept. of Ag and Food (Reimbursement to SAmbsberry)	\$20	EMS	Pesticide License application fee for Braxton (field tech)
4275-250	7/14/2021	305	Riverside Plumbing and Heating	\$5.80	EMS	Brass bushing
4275-250	7/15/2021	550	Walker True Value	\$68.97	EMS	Pruning saw and aero cleaning system
4275-250	7/19/2021	634	Beverage Elements	\$380.92	EMS	Five 2.5 LB CO ₂ cylinder tanks for trapping
4275-250	7/19/2021	633	WeldingSupply.com	\$108.04	EMS	Washer nylon snap, nuts, other supplies for CO ₂ filling station

MMAD July/August Manager's Report

4275-400	7/20/2021	684	Airgas	\$15.57	SDS	CO ₂
4275-250	7/27/2021	329	Standard Plumbing Supply	\$2.45	EMS	Coupling and brass bushing
4275-250	7/27/2021	239708	Turner Lumber	\$6.88	EMS	Brass coupling
4275-250	7/28/2021	745	UT Dept. of Ag and Food	\$20	EMS	Reimbursement Michele – pesticide license fee
4275-400	7/31/2021	1012	Airgas	\$8.48	SDS	CO ₂ for traps
4275-250	8/2/2021	623	Postmaster	\$134	EMS	P.O. Box renewal 1 year
4275-210	8/2/2021	695	Utah Association of Special Districts	\$410	Subscriptions & Memberships	Yearly membership for 2021
4275-250	8/5/2021	891881	Walker True Value	\$0.98	EMS	Hardware for winch
4275-400	8/9/2021	684	Clarke	\$575.60	SDS	Duplex-G 40lb bag (from May)
4275-250	8/10/2021	113	Amazon (Reimbursement for SAmbsberry)	\$127.05	EMS	Scales for pesticides, mineral oil hand pump containers
4275-400	8/10/2021	9116366370	Airgas	\$31.14	SDS	CO ₂ for traps
4275-250	8/13/2021	609382	NAPA Auto Parts	\$71.43	EMS	Mini truck oil change and fluid refill
4275-240	8/17/2021	711799	BulbAmerica	\$26.16	Office Supplies	Light bulbs for microscope light
4275-240	8/18/2021	240034	Desert West Office Supply	\$17.07	Office Supplies	Pens and pencils

MMAD July/August Manager's Report

4275-240	8/18/2021	554	Walker Drug	\$13.46	Office Supplies	Pencils and lead refills
4275-920	8/18/2021	1	Grand County	\$1,200	Contributions to Other Agencies	Administrative/clerical fees
4275-280	8/18/2021	3	Grand County	\$2,700	Rent	Rent
4275-925	8/18/2021	2	Grand County	\$26,619.66	Debt Proceeds	Loan payment
4275-400	8/18/2021	99	Issa Designs	\$150	SDS	Half down for logo design package
4275-250	8/23/2021	11126606	Amazon	\$32.32	EMS	Nalgene collection bottles and wash bottles
4275-210	8/23/2021	2270000090	Dept. of Envir. Quality	\$200.00	Subscriptions and Memberships	Annual pesticide general permit fees
4275-250	8/23/2021	610268	NAPA Auto Parts	\$63.65	EMS	Oil filter, washer fluid, wipers
4275-250	8/23/2021	893439	Walker True Value	\$21.98	EMS	Trolling motor hardware
4275-740	8/26/2021	610614	NAPA Auto Parts	\$64.49	Capitol Outlay	Taillight cover replacement
4275-400	8/27/2021	168109	Walker Drug	\$48.45	SDS	First aid kit materials and box
4275-250	8/27/2021	1239	Walmart	\$49.28	EMS	Ovitrap materials and toilet paper
4275-250	8/31/2021	6178	HACH Co.	\$413.22	EMS	Nitrate/nitrite and phosphate water quality test kits (for research and School to Science purposes)

MMAD July/August Manager's Report

4275-250	8/31/2021	129879	Adapco	\$2,026.60	EMS	RAMP WNV test cartridges – 100 pack
Total:						\$41,526.63