

The Warren County Mosquito Extermination Commission held a reorganization meeting on Thursday, January 19, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Superintendent Gruener called the meeting to order at 8:20AM. Ms. Gruener then took a roll call for attendance.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES (remote)
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	NO
Dr. Roscoe	YES (remote)
Mr. Summers	YES (remote)
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Superintendent Gruener: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

Ms. Gruener announced that the NJMCA Annual Meeting will be held March 15-17, 2023. If any Commissioner would like to attend, please let her know, all expenses will be paid.

REORGANIZATION

Ms. Gruener asked for nominees for Chairman, Vice Chairman and Secretary/Treasurer. Commissioner Greason nominated Bradley Burke as Chairman. The motion was seconded by Robert Eriksen, the motion carried with Bradley Burke abstaining. Commissioner Roscoe nominated Robert Eriksen as Vice Chairman. The motion was seconded by Bradley Burke, the motion carried with Robert Eriksen abstaining. Commissioner Eriksen nominated Eileen Greason as Secretary/ Treasurer. The motion was seconded by Commissioner Burke, the motion carried with Eileen Greason abstaining. Commissioner Burke made a motion to close nominations. The motion was seconded by Commissioner Eriksen and the motion carried with all in favor. Superintendent Gruener called for the election of the slate of officers as presented. Commissioner Summers made a motion to elect the nominated slate of


E. Greason

officers. The motion was seconded by Commissioner Roscoe. The motion carried with all in favor. Superintendent Gruener thanked the commissioners for committing to another year, noting that their contributions are greatly appreciated. The meeting was then turned over to Chairman Burke.

The following appointments were provided for consideration for the upcoming year:

Commission Special Counsel: Gebhardt & Kiefer PC
Official Newspapers: The Star Ledger & The Express-Times
Appointing Authority (Civil Service): Jennifer Gruener
County & Municipal Personnel System Supervisor (CAMPS): Jennifer Gruener
Certifying Officer (Division of Pensions, SHBP Medical & Dental): Jennifer Gruener
Certifying Officer Supervisor (Division of Pensions): Eileen Greason
Public Agency Compliance Officer: Jennifer Gruener
Public information Officer & Backup: Jennifer Gruener, Stephanie Oliphant
Custodian of Petty Cash: Jennifer Gruener
NJMCA Trustee & Alternate Trustee: Jennifer Gruener, Stephanie Oliphant

A motion was made by Commissioner Roscoe to approve the appointments. The motion was seconded by Commissioner Eriksen and the motion carried.

Authorized Signatures:

Vouchers: Jennifer Gruener
Check signers: Bradley Burke, Robert Eriksen, Eileen Greason
View PNC Bank account & complete online transfers: Jennifer Gruener & Christine Fisher
Pension: Jennifer Gruener, Eileen Greason
Civil Service: Jennifer Gruener
Official forms & Correspondence: Bradley Burke & Jennifer Gruener
NJPDES Pesticide Discharge Mgmt. Plan: Jennifer Gruener, Stephanie Oliphant

A motion was made by Commissioner Greason, seconded by Commissioner Eriksen to approve the authorized signature list, and the motion carried.

2023 Meeting Schedule

A motion was made by Commissioner Eriksen, seconded by Commissioner Greason to approve the 2023 and January 2024 meeting schedule, and the motion carried.

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the December 14, 2022, meeting and asked if there were any corrections or modifications. Ms. Fisher noted one correction needed on page one, under Approval of Minutes, the error was corrected on the final copy, prior to the meeting. Commissioner Greason made a motion to approve the meeting minutes with the correction. Commissioner Roscoe seconded the motion and the motion carried.

PUBLIC COMMENTS


E. Greason

WHEREAS, pursuant to N.J.S.A. 29:9 et seq., the Warren County Mosquito Extermination Commission is a public body duly organized and existing under and by virtue of the laws of the State of New Jersey; and

WHEREAS, Part C, 40A:11-9 of the Local Public Contracts Law, provides that the governing body of any local unit may by resolution establish the office of the purchasing agent; and

WHEREAS, the Warren County Mosquito Extermination Commission is desirous of having the Superintendent serve in this capacity; and

NOW, THEREFORE, BE IT RESOLVED by the Warren County Mosquito Extermination Commission that the Superintendent is appointed as the purchasing agent and joint purchasing agent for the Commission with authority, as its contracting agent, to prepare public advertising for bids and to receive bids for the purchase of work, materials and supplies on behalf of the Commission and is authorized to make awards of contracts or joint purchasing agreements in the name of the Commission provided in accordance with the Commission's Purchasing Policy (approved January 16, 2014) and N.J.S.A. 40A: 11-9; and

BE IT FURTHER RESOLVED that this resolution shall take effect immediately.

RESOLUTION 2023-03

Resolution Authorizing Contracting with Certain Approved State Contract Vendors for Contracting Units Pursuant to N.J.S.A. 40A:11-12a

On a motion by Eileen Greason seconded by Peter Summers, the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held January 19, 2022.

WHEREAS, the Warren County Mosquito Extermination Commission, pursuant to N.J.S.A. 40A:11-12a and N.J.A.C. 5-34-7.29 et seq., may by resolution and without advertising for bids, purchase any goods or services under the State of New Jersey Cooperative Purchasing Program for any State contracts entered into on behalf of the State by the Division of Purchase and Property in the Department of Treasury; and

WHEREAS, the Warren County Mosquito Extermination Commission has the need on a timely basis to purchase goods or services utilizing State Contracts; and


E. Greason

WHEREAS, the Warren County Mosquito Extermination Commission intends to enter into contracts with the State Contract Vendors through this resolution and properly executed contracts, which shall be subject to all the conditions applicable to the current State contracts; and

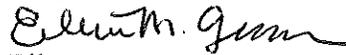
NOW, THEREFORE, BE IT RESOLVED that the Warren County Mosquito Extermination Commission authorized the purchasing agent to purchase certain goods and services from those approved New Jersey State Contract Vendors pursuant to all conditions of the individual State contracts; and

BE IT FURTHER RESOLVED that the duration of the contracts between the Warren County Mosquito Extermination Commission and the State Contract Vendors shall be from January 1, 2023 to December 31, 2023.

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:16 am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the December 31, 2022, Budget & Treasurer's Reports were presented at the meeting for approval, and he asked if there were any questions or concerns. Commissioner Eriksen made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried.

SUPERINTENDENT'S REPORT

The website and email have been transferred to new hosts. The new network server was installed. Several drives in the external back up system are damaged and no longer functioning so they will need to be replaced. There still is an internal back up system operating. Staff continues to work on the Annual Report. The aerial larviciding bid was advertised. The annual IPM letters and records were sent to the affected school districts. The 2022 NJDEP Pesticide Use Survey was completed and submitted. Employee time records for 2022 were finalized and closed out. End of year financials were reviewed and rectified to close out the 2022 year on MSI. Seasonal employees, Hunter Gara and Linsey Bell will be returning for the 2023 season and one additional application has been received. Proposed Flood Hazard Act rule amendments were reviewed. ArcGIS Pro was installed on two desktops as an upgrade, Ms. Oliphant has been learning the new platform and publishing maps for the Annual Report.

The county healthcare consultant has informed Ms. Gruener that the Commission employees would be accepted into the county self-insured healthcare fund; final word on retiree approval is still pending. There is a 60-day notification required to exit the SHBP. The County estimated the Commission's insurance switch would occur in June or July, which seems to be fairly accurate.

Ms. Gruener researched ways to save money on fuel purchases. The WEX account card is currently used to purchase fuel; however, with the increase in fuel in 2022, the amount expended was close to the bid threshold. The Commission could continue using the WEX card under Sourcewell, a cooperative purchasing program; however, the cost saving to use WEX under Sourcewell needs to be proven. Ms. Gruener checked with the County for pricing and compared the last several months of their cost versus what was purchased through WEX and found that \$1.00/gallon for diesel and \$0.45/gallon for gas could be saved by purchasing gas through the county. More will be discussed under New Business.

Larviciding route reviews and revisions continue. Rutgers once again offered the Mosquito ID exam; Ms. Giordano and Mr. Hagerty took and passed the exam on the first try. Ms. Gruener stated it was her understanding that there were only two people who passed on their first try. Ms. Giordano did practice exams and timed herself and Mr. Hagerty for study. Also, specimens of larvae and adults were lent to the Commission from Morris, Sussex and Middlesex Counties to help with the study efforts. Commissioner Eriksen stated he was very appreciative of their effort.

All data from the fall tick surveillance was entered into the VectorSurv system. The ticks were submitted to PHEL on December 19, 2022. The state lab is still not ready to test the samples and the samples that were sent to the CDC have not yet been tested. Ms. Gruener noted if testing is not set up soon, perhaps looking into having ESU do the testing would be preferred. Ms. Giordano has identified all larval ticks that were collected in the spring; they are all Ixodes. Ms. Giordano and Mr. Hagerty have developed a poster to present at the NJMCA 2023 annual meeting. The poster is based on the spring tick surveillance.

Mr. Hagerty is working on the annual revision of the SDS/Label books. An experiment to determine larval tolerance to chlorine bleach is being designed in the lab.

Ms. Gruener and Ms. Giordano gave two presentations at Knowlton School on January 12, 2023. Ms. Gruener was elected Vice President of the Associated Executives of Mosquito Control in NJ. Seasonal employee, Linsey Bell conducted her Capstone Project over her winter break by running bottle bioassay IR testing on our colony of *Culex pipiens molestus* mosquitoes.


E. Greason

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2022-12a (Resolution 2022-20) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Eriksen made a motion to approve master voucher M2202-12a in the amount of \$3,809.51. The motion was seconded by Commissioner Greason and the motion carried.

Chairman Burke noted that master voucher M2023-01 (Resolution 2023- 01) was presented at the meeting for approval and asked if there were any questions or concerns. Commissioner Burke made a motion to approve master voucher M2203-01 in the amount of \$68,559.23. The motion was seconded by Commissioner Greason and the motion carried.

COMMUNICATION

- WC Bd of Commissioners to J. Gruener re: Invitation to Annual Reorganization Meeting
- J. Gruener & A. Giordano to L. Baxter, Cornell, to & fro re: Mechanism Testing Questions
- US EPS to WCMEC re: Pesticide Update
- J. Gruener to Blirstown Twp. School, GMRS, LLC, North Warren Regional HS, Port Colden School, WHRHS, Washington Little Bears Child Care Center, Blair Academy re: School Pesticide Record Form
- J. Gruener to L. Glover, Frontier Precision re: FieldSeeker Maintenance Renewal
- J. Gruener to A. Alleger, NJDEP re: Pesticide Use Survey
- J. Gruener to bid packet recipients re: 2023 Aerial Larvicide Bid Packet
- J. Necina to FAA re: Certificate of Waiver Authorization Letter, UAV
- AMCA to J. Gruener re: Insecticide Resistance Testing Survey

UNFINISHED BUSINESS

NEW BUSINESS

Authorization for Superintendent to Sign Shared Services Agreement with Warren County for Motor Fuel Services

The Shared Services Agreement for the WCMEC to buy gas and diesel from the County is being presented to County Commissioners for approval at the next meeting, January 25, 2023. This agreement will save approximately \$1.00 per gallon on diesel and \$0.45 per gallon on unleaded. If Ms. Gruener is approved to sign the agreement, then WCMEC could start purchasing gas from the County on February 1st. Chairman Burke made a motion to allow Superintendent Gruener to sign the Shared Services Agreement with Warren County to purchase Motor Fuel Services. The motion was seconded by Commissioner Greason and passed with all in favor.

RESOLUTIONS

RESOLUTION 2023-02

Purchasing and Contracting Agent

On a motion by Robert Eriksen, seconded by Eileen Greason, the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held January 19, 2023.

WHEREAS, the New Jersey Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq., provides the regulations for procurements of goods and services for the governing body of any local unit; and


E. Greason

The Warren County Mosquito Extermination Commission held a regular meeting on Wednesday, February 16, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:16AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES <small>(remote)</small>
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	YES <small>(remote)</small>
Dr. Roscoe	YES <small>(remote)</small>
Mr. Summers	YES <small>(remote)</small>
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

Ms. Gruener announced that the NJMCA just had their website redesigned. Be sure to check it out because it looks great.

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the January 19, 2023, meeting and asked if there were any corrections or modifications. One correction was noted on page four, under Presentation of Bills. Commissioner Greason made a motion to approve the meeting minutes with the correction. Commissioner Eriksen seconded the motion and the motion carried with Commissioner Cooke-Gibbs abstaining.

PUBLIC COMMENTS


E. Greason

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the January 31, 2023, Budget & Treasurer's Reports were presented at the meeting for approval, and he asked if there were any questions or concerns. Commissioner Eriksen made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried.

SUPERINTENDENT'S REPORT

Staff continued to work on the Annual Report with hopes of completion for approval at the March Commission meeting. Bid proposals were received for the aerial larviciding contract and will be discussed under New Business. Ms. Gruener met with Danielle Davis, County Benefits Manager, and Kim Francisco, County Treasurer, regarding the Commission joining the County's self-insured healthcare fund. More will be discussed under New Business. The County of Warren passed the Shared Services agreement allowing the Commission to purchase fuel services through the County. The 2022 Investigator's Annual Report for the National Park Service (Delaware Water Gap National Recreation Area) was submitted along with an application for a renewal permit for 2023. A Public Declaration Letter, written by the Commission attorney, was sent to the Federal Aviation Administration (FAA) along with a request for a username and password to allow the commission to apply for a Certificate of Authorization (COA). A COA allows governmental organizations to register drones to the organization (rather than to individuals) along with other privileges. The FAA requested an amended letter with specific language, the request has been passed onto our attorney and a response is awaited. Ms. Gruener started the Municipal Finance Administration course, the fourth and final course needed to sit for the Qualified Purchasing Agent exam; the final exam is on Monday. Three applications have been received to date for the open seasonal positions. One has been hired conditionally upon results of the pre-employment physical and driver abstract.

As of the beginning of 2023, NJIF is now requiring that payments be submitted electronically (ACH debits). Previously, electronic payment was an option, not a requirement. Unfortunately, as a public entity there are several requirements to use ACH payments, including a policy and separation of duties. Until then Justin Gallo from Polaris Galaxy has approved payment to be sent by check.

Mr. Hagerty has passed the remote pilot exam and is now a licensed UAS pilot. Estimates for inspection drones were sought and received. Ms. Oliphant and Mr. Flohn have been working on tire pick ups and brush clearing. The hoist passed the annual OSHA inspection. The Kobelco excavator was greased, and the oil changed. Utility trailers have been researched and priced out for purchase; more will be discussed under New Business.

The new 5-year Flood Hazard Act/Freshwater Wetlands blanket permit has been advertised and will be submitted shortly. A cistern at Whites Lake in Hardwick was inspected at the county's request. It will be checked in the spring for larval production and treated with long-term briquets if necessary. Larval inspection routes continue to be reviewed and revised if needed.

Mr. Necina passed the category 11 pesticide exam. It is anticipated that the NJDEP will require core with categories 8B and 11 along with a remote pilot license for treatment; however, treatment by drone has not yet been approved. Currently, the drone must remain in site of the pilot at all times, and may be used for inspections only; this would be helpful for several different types of inspections; including stream blockages.

Ms. Giordano revised the school tick presentation. Ms. Giordano and Mr. Hagerty have been accepted into the Vector Boot Camp by the NEVBD held at Penn State University May 16-18th. The only cost for the program is travel.


E. Greason

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-02 (Resolution 2023-04) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Greason made a motion to approve master voucher M~~2203-04~~²⁰²³⁻⁰² in the amount of \$57,332.11. The motion was seconded by Commissioner Eriksen and the motion carried.

COMMUNICATION

- J. Gruener to Allamuchy, Frelinghuysen, Hope, Independence, Liberty, Oxford, White & Hardwick Townships re: Approval for aerial mosquito control applications to affected townships
- J. Gruener to Delaware Water Gap National Park re: Scientific Research IAR submitted.
- C. Fisher to T. St. Angelo, Gebhardt & Kiefer re: PSA copy
- M. Cuadera, NJ DOH to J. Gruener, to & fro re: Fall interim Report request for tick surveillance
- S. Oliphant to SMCC re: Approval request for repairs to Kobelco
- E. Roy, WC Land Preservation Dept. to J. Gruener, to & fro re: Marl work structure at White Lake, Hardwick
- C. Barker, UC Davis to J. Gruener re: 2023 West Nile virus forecasting challenge
- J. Gruener to J. Daly, Scirocco Group & J. Gallo, Polaris Galaxy re: ACH payment to NJIIF
- C. Fisher to V. Kaplan, St. Lukes, to & fro re: Pre-employment physical account set up
- R. Hagerty to A. Angelus, OMCC re: Fish stocking
- M. Kays to J. Gruener re: New employment & thank you
- J. Necina to FFA.gov re: Certificate of Waiver Authorization – Public Declaration Letter
- J. Necina to FFA.gov, to & fro re: Public Declaration letter revision request
- W. Cohick, NJAES to WCMEC re: Support of WCMEC 2023 Plans & Estimates submission

UNFINISHED BUSINESS

NEW BUSINESS

Award of Aerial Larviciding Contract

Ms. Gruener stated that two bids were received on time and complete for the aerial larviciding contract. The two bidders were Rebecca Lynn Flying Service (RLFS) and Wings Aerial Applicators LLC (WAA). RLFS bid \$12.99 at 5 lbs/acre, \$14.37 at 7 lbs/ acre and \$16.04 at 10 lbs /acre, with a minimum of \$4,936 per trip. WAA bid \$9.99 at 5 lbs/acre, \$11.37 at 7 lbs/ acre and \$13.44 at 10 lbs /acre, with no minimum. Ms. Gruener recommended Wings Aerial Applicators, LLC as they were the lowest bidder. Chairman Burke asked if this was the second year for WAA and if the service was acceptable. Ms. Gruener answered yes, it would be the second year and yes the service they provided during the first year was acceptable. Their plane is fully digital so treatment files can be easily uploaded, plus WAA's staff loads the plane which lessens the number of Commission staff that must attend the treatment. Ms. Gruener stated that by law the contract must be awarded to lowest bidder, unless a previous breach of contract or prior negative experience was incurred. After discussion, Commissioner Eriksen made a motion to award the aerial larviciding contract to Wings Aerial Applicators. The motion was seconded by Commissioner Roscoe and the motion carried.

Resolution to Cancel Participation in the New Jersey State Health Benefits Plan (SHBP)

Ms. Gruener noted that the Resolution required to terminate participation in the SHBP was created from a template supplied by the SHBP as to include all required wording. As previously discussed, the reason for leaving the SHBP plan was due to the large (over 20%) increase in premiums for the year 2023.


E. Greason

The Commission employees and retirees were approved to join Warren County's self-insured health care plan. Commissioner Greason made a motion to terminate participation in the SHBP. The motion was seconded by Commissioner Summers and the motion carried.

Purchase of Landscape Trailer

Ms. Gruener requested approval to purchase a 24' utility trailer from Skyline Equipment. Three quotes were sought and received; Skyline Equipment being the lowest, which was under bid threshold but above the quote threshold. Funds to purchase the trailer are available and will come out of the Equipment Purchase line item. Purchasing the trailer will allow for less staff and trucks to have to haul pesticides to the airport for aerial larviciding treatments and will allow easier loading of the ATV with trail mower. Commissioner Greason made a motion to purchase the 24' utility trailer form Skyline Equipment. The motion was seconded by Commissioner Roscoe and the motion carried.

RESOLUTIONS

RESOLUTION 2023-05

Award of Contract for Larviciding Applications by Aircraft

On a motion by Robert Eriksen, seconded by Douglas Roscoe, the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held February 16, 2023.

WHEREAS, the Warren County Mosquito Extermination Commission requires the services of an aerial applicator to provide aerial larviciding to large tracts of mosquito habitat that are too large to efficiently treat with ground-based equipment; and

WHEREAS, the Warren County Mosquito Extermination Commission solicited formal bids, for the aforementioned services, in accordance with the New Jersey Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq.; and

WHEREAS, two formal bids for the Larviciding Applications by Aircraft Contract were received and opened on February 2, 2022; and

WHEREAS, Wings Aerial Applicators, LLC of Southhampton Township, NJ, was the low bidder with the following prices and no minimum charge per trip:

Product	Rate/Acre	Price
Bti	5 lbs/Acre	\$9.99
Bti	7 lbs/Acre	\$11.37
Bti	10 lbs/Acre	\$13.44

WHEREAS, Rebecca Lynn Flying Services, Inc. of Livingston, NY, submitted the second lowest bid at the following prices and with a minimum charge per trip of \$4,936.00:

Product	Rate/Acre	Price
Bti	5 lbs/Acre	\$12.99


E. Greason

Bti	7 lbs/Acre	\$14.37
Bti	10 lbs/Acre	\$16.04

WHEREAS, the lowest bidder, Wings Aerial Applicators, LLC, submitted all required, completed forms along with the entire bid package finding them a responsible and responsive bidder; and

THEREFORE, BE IT RESOLVED the Warren County Mosquito Extermination Commission hereby awards the contract for Larviciding Applications by Aircraft to Wings Aerial Applicators, 562 Onga Hat Road, Southampton, NJ 08088 (mailing address PO Box 67 New Libson, NJ 08604)

RESOLUTION 2023-06

A Resolution to Terminate All Participation under the SHBP and SEHBP (including prescription drug plan and/or Dental Plan coverage)

On a motion by Eileen Greason, seconded by Peter Summers, the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held February 16, 2023.

BE IT RESOLVED

1. The Warren County Mosquito Extermination Commission, SHBP Employer Location Number 1729-00 hereby resolves to terminate its participation in the Program (Medical Plan, Prescription Drug Plan, and Dental Plan coverage) thereby cancelling coverage provided by the SHBP and/or SEHBP (N.J.S.A. 52:14-17.25 et seq.) for all its active and retired employees.
2. We shall notify all active employees of the date of their termination of coverage under the Program.
3. We understand that the New Jersey Division of Pensions & Benefits (NJDPB) will notify retired employees of the cancellation of their coverage.
4. We understand that all COBRA participants will be notified by the NJDPB and advised to contact our office concerning a possible alternative health, prescription drug, and dental insurance plan.
5. We understand that this resolution shall take effect on the first of the month following a 60-day period beginning with the receipt of the resolution by the State Health Benefits Commission or School Employees' Health Benefits Commission.

I hereby certify that the foregoing is true and correct copy of a resolution duly adopted by the:

Warren County Mosquito Extermination Commission, PO Box 388, 2 Furnace St., Oxford, NJ 07863-388, (908) 453-3585 currently with seven (7) active employees and four (4) retirees and EIN#22-6017282000.

PLEASE COMPLETE AND COMPLY WITH THE FOLLOWING:

Type of funding method with the new contract:


E. Greason

- Conventionally insured: Fully-insured
- Minimum premium _____
- Administrative Services Only (ASO) _____
- Other (please list) _____
- New Health Carrier: Horizon Blue Cross Blue Shield
- New Prescription Drug Carrier: Horizon BCBS - Prime
- Reason for termination from the SHBP/SEHBP: Significant costs savings for our health benefits by joining the County of Warren Self-insured fund as compared to the 2023 cost of the SHBP

In accordance with N.J.S.A. 18A:16-21 and 40A:10-25, you must file a copy of your new contract with the State Health Benefits Commission or School Employees' Health Benefits Commission. Please submit a copy of the new contract with this completed resolution.

RESOLUTION 2023-07
Resolution Approving the Purchase of a Replacement Utility Trailer

On a motion by Eileen Greason, seconded by Douglas Roscoe, the following resolution was unanimously adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held February 16, 2023.

WHEREAS, the Warren County Mosquito Extermination Commission (the "Commission") is in need of replacing their 2007 utility trailer; and

WHEREAS, the current utility trailer is now fifteen years old and has been sanded, repainted, and well maintained; and

WHEREAS, despite the ongoing maintenance the current trailer is showing signs of rust and age, particularly on the wheel wells and the axle; and

WHEREAS, current trailer is used frequently for transporting the Polaris ranger and mower; and

WHEREAS, the Polaris ranger and mower only fit on the current 16' trailer when they are disconnected from one another and set in opposing directions; and

WHEREAS, a 24' long utility trailer would allow the ranger and mower to be loaded and unloaded while still connected, increasing efficiency and safety; and



E. Greason

WHEREAS, the current utility trailer cannot be used to transport pallets of pesticide for aerial application because of the presence of top rails that block loading access with the fork lift; and

WHEREAS, a utility trailer with a deck over design would allow pallets of pesticide to be loaded by forklift from the side of the trailer; and

WHEREAS, a 24' long utility trailer would make it possible for one employee to haul 3 pallets of pesticide safely to the airport for an aerial larviciding application greatly increasing efficiency; and

WHEREAS, suitable replacement trailers with a deck over design were researched; and

WHEREAS, it was determined that a 24' long aluminum utility trailer would best fit the needs of the Commission; and

WHEREAS, pursuant to NJ Public Contracts law, quotes were obtained from 3 vendors for a 24' long aluminum bodied utility trailer; and

WHEREAS, the lowest quote for a 24' long aluminum utility trailer was received from Skyline Equipment, 339 State Route 31S, Washington, NJ; and

WHEREAS, the purchase of a replacement utility trailer was not included in the 2023 budget; and

WHEREAS, funds for the purchase of a replacement utility trailer are available in line M-15 Equipment Purchase line in place of purchasing a side-by-side ATV with sprayer in 2023; and

WHEREAS, the Superintendent has prepared Certification of Availability of Funds in connection with the purchase.

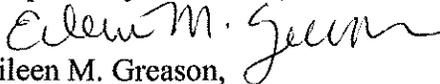
THEREFORE, BE IT RESOLVED, the Warren County Mosquito Extermination Commission hereby authorizes the purchasing agent to purchase a 24' aluminum utility trailer from Skyline Equipment, 339 State Route 31S, Washington, NJ 07882 for a price not to exceed \$ 17,000.

EXECUTIVE SESSION

Commissioner Greason made a motion to enter into Executive session at 9:03 am. The motion was seconded by Commissioner Burke and the motion carried. Chairman Burke made a motion to come out of Executive session at 9:14 am. Commissioner Greason seconded the motion and the motion carried.

With no further business to discuss, the meeting was adjourned at 9:15 am.

Respectfully Submitted,


Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, March 23, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:19AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES (remote)
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	YES (remote)
Dr. Roscoe	YES (remote)
Mr. Summers	NO
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the February 16, 2023, meeting and asked if there were any corrections or modifications. One correction was noted on page three, under Presentation of Bills. Commissioner Roscoe made a motion to approve the meeting minutes with the correction. Commissioner Eriksen seconded the motion and the motion carried.

PUBLIC COMMENTS

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the February 28, 2023, Budget & Treasurer's Reports were presented at the meeting for approval, and he asked if there were any questions or concerns. Commissioner Eriksen made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Greason and the motion carried.


E. Greason

SUPERINTENDENT'S REPORT

The 2022 Annual Report was completed and will be discussed under New Business. All required forms were received from Wings Aerial Applicators and the aerial larviciding contract is now fully executed. All enrollment forms for active and retired employees have been received and submitted to the County Personnel Department; however, there is an additional form for employees to complete, which has not yet been received. A revised Public Declaration Letter, written by the Commission attorney, was sent to the Federal Aviation Administration (FAA) along with a request for a username/password to allow the commission to apply for a Certificate of Authorization (COA). A COA allows governmental organizations to register drones to the organization. Ms. Gruener completed the Municipal Finance Administration course with a final grade of 98. The Qualified Purchasing Agent exam is offered in June and December; however, Ms. Gruener has not yet decided for which exam she will register. Seven applications have been received for the open seasonal positions. Two seasonal staff are returning from last year. Three interviews have taken place and one additional interview is scheduled. Two applicants have been offered conditional employment pending the results of physical/drug screen and motor vehicle records. Annual municipality packets were mailed out, as per NJ Pesticide Regulations. Ms. Gruener and Mr. Santos (Superintendent of Weights & Measures) met with Emily Hammer, WC Director of Public Works, to discuss ways to accommodate office space requirements for both departments. Driver History Abstracts were reviewed, and the annual motor vehicle report was sent to the insurance company.

Precipitation levels have been low; only 1.1 inches of precipitation was recorded at the Oxford rain gauge during the month of February. Ms. Giordano has been analyzing NJLT data in VectorSurv and is now able to show population trends against the 10-year average. Tire pick up continues throughout the County. The Musconetcong Watershed Association asked if the Commission could once again pick up the tires from the annual river cleanup held in April.

Mr. Flohn provided some training for the staff on operating the Kobelco excavator; Mr. Hagerty, Ms. Giordano, Ms. Oliphant and Mr. Necina participated. Ms. Oliphant completed and submitted the application for the new blanket Freshwater Wetlands/Flood Hazard Act permit (FAA/FWW). Ms. Oliphant is studying to obtain her CDL license. A pond at the end of Tracy Lane in Allamuchy Township was inspected following a service request; a collapsed pipe was discovered and is likely the cause of flooding in Panther Valley, however the owner of the property is reluctant to replace the pipe. The flooded area is stocked with fish and is not a mosquito problem currently. Fish for spring stocking have been requested from the State Mosquito Control Commission for sites around the county.

Ms. Giordano and Ms. Fisher gave presentations about mosquitoes and ticks to the Allamuchy Township fourth grade classes. Due to technical difficulties, they were unable to use the PowerPoint presentation and instead just gave the talk using the hands-on materials they brought. The presentation went surprisingly well and gave direction and ideas on things to change to update the presentations.

Ms. Gruener and Ms. Fisher have been very busy with NJMCA activity leading up to the annual meeting. Ms. Giordano, Mr. Hagerty, and Mr. Necina attended the NJMCA Annual Meeting. During the meeting Ms. Giordano presented her poster, *Estimating the Nymphal Peak of Ixodes Scapularis in Warren County, NJ*. A tick from the spring surveillance was misidentified as a nymphal American dog tick (*Dermacentor variabilis*) but was actually the invasive Asian longhorned tick (*Haemaphysalis longicornis*). This sparked additional correspondence between Ms. Giordano, Ms. Gruener, Mr. Occi, and Mr. Cuadera from the NJDOH. The NJDOH lists the ALT as detected, but not established in Warren County with collections occurring in 2019 from two locations in Belvidere. Ms. Gruener noted that this information has never been included in any prior tick situation reports for Warren County. Despite numerous requests, after hearing verbal reports of the collections the information had never been supplied to Ms. Gruener until now. Collection locations of the ALT were supplied and documented.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-03 (Resolution 2023-08) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Greason made a motion to approve master voucher M2023-03 in the amount of \$172,273.95. The motion was seconded by Commissioner Eriksen and the motion carried.

COMMUNICATION

- J. Gruener to WCMEC retirees re: New medical, prescription, & dental administrator
- J. Gruener to Wings Aerial Applicators LLC re: Award of aerial larviciding bid contract
- J. Gruener to all Warren County municipalities re: Annual information packet
- J. Gruener to NJ Motor Vehicle Commission re: Annual Driver History Abstract request
- J. Sarnas NJDEP, SMCC to WCMEC re: FY 22-23 Equipment Use Agreement
- AnyDesk to J. Gruener re: Cancellation confirmation
- J. Gruener to J. Gallo, Polaris Galaxy re: MVR Summary Report, to & fro
- J. Occi, NJDOH to S. Giordano, J. Gruener, M. Cuadera, to & fro re: ALT in Warren County

UNFINISHED BUSINESS

NEW BUSINESS

2023 Salaries & Wages

Ms. Gruener requested consideration of a COL raise for full-time employees for 2023, as the county has passed the 2023 budget. She stated that the increase was included in the budget and would support up to a 3% increase. The CPI is up 6% from last year, the cost of food has increased 9.5% and housing has increased 8%. In general, Warren County salaries are low compared to other counties; for instance, an Inspector position (does not require a college degree) in Passaic County starts at \$48k/annual and in Sussex County that same position starts at \$40k/annual. We started our inspectors much lower than that and both had Bachelor of Science degrees. Chairman Burke asked if there was enough to support a higher percentage increase. Ms. Gruener stated, unfortunately, no. After some discussion, Commissioner Eriksen made a motion to give the full-time employees a 3% salary increase for 2023. Commissioner Greason seconded the motion and the motion passed with all in favor.

2022 Annual Report

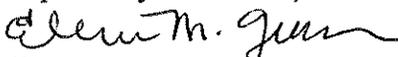
The completed 2022 Annual Report was presented for approval. Revised page thirty-two and revised Figure 16a were presented. One error was noted on page 29. Chairman Burke noted it was a thorough report and justifies the budget provided by the County. Commissioner Eriksen stated that the effort put forth in continued education is impressive and the effort put forth into the report is much appreciated. After discussion, Chairman Burke made a motion to approve the 2022 Annual Report with correction. Commissioner Greason seconded the motion and the motion carried with all in favor.

RESOLUTIONS

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 8:56 am.

Respectfully Submitted,


Eileen M. Greason,
Secretary/Treasurer

E. Greason

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, April 20, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:17AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES (remote)
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	YES (remote)
Dr. Roscoe	YES (remote)
Mr. Summers	YES (remote)
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the March 23, 2023, meeting and asked if there were any corrections or modifications. There being none, Commissioner Eriksen made a motion to approve the meeting minutes. Commissioner Greason seconded the motion and the motion carried.

PUBLIC COMMENTS

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the March 31, 2023, Budget & Treasurer's Reports were presented at the meeting for approval, and he asked if there were any questions or concerns. Commissioner Summers made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried.


E. Greason

SUPERINTENDENT'S REPORT

The final required form for the switchover to the County's self-insured healthcare fund was received and submitted; coverage will begin May 1, 2023. The Commission's healthcare policy was revised to reflect the change in administration of the fund as well as the related benefit schedule policy; both will be discussed under New Business. All five seasonal staff have starting dates, ranging from May 11-18th. The annual fire department letter was mailed per NJ Pesticide Regulations. The audit was completed by Nisivoccia on April 3, 2023; the draft has not been received to date. Annual performance reviews were completed with all full-time staff members. The 2022 Pesticide Environmental Stewardship Program (PESP) survey was completed and submitted to the EPA through the NJMCA partnership. The annual policy review was completed with all full-time employees. All the SDS books and label books have been updated. The annual records disposal request was completed and submitted to the auditors for approval. The HazComm program was updated.

The Oxford rain gauge recorded 2.62 inches of precipitation for the month of March, which is well below the 10-year average of 3.38 inches. The statewide average temperature for March was 42.1°, which was 1.2° above normal. All four routes are being monitored and treated as needed. Ms. Giordano is preserving and cataloging larvae for an office collection as well as documenting a digital photo collection with the Leica microscope. An aerial larviciding treatment was almost scheduled for this morning, however sites are drying down and it was not required.

Three service requests for water management were received and inspected. One was from the old theatre in Washington Borough, in which the marquee was holding water. The state-owned Kobelco excavator is at Cory Brothers for repairs.

The truck lock boxes were all stocked with supplies and pesticides. The long-term briquet sites were all treated, including the sites located on school properties. The 2023 NJDEP Beekeeper list was released, however, the county of the hive was not included, a revision was requested. The first fish stocking of the season took place on April 5th. Tick surveillance began, mostly adult ticks have been collected. Ticks previously collected have been tested at the CDC, however when the results were received back at the NJDOH, the results were assigned to the wrong pool numbers. Correction of the data is being pursued. High infections rates were noted, with 48% of the ticks testing positive for Lyme disease and 30% having co-infections.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-04 (Resolution 2023-09) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Greason made a motion to approve master voucher M2023-04 in the amount of \$75,898.57. The motion was seconded by Commissioner Roscoe and the motion carried.

COMMUNICATION

- G. Carper, Johnsonburg Camp to J. Gruener, to & fro re: Treatment records request
- J. Gruener to J. Parke, C. Hill, Merrill Creek Reservoir, to & fro re: Tick surveillance
- J. Gruener to M. Snyder, Warren County Road Dept. to & fro re: Administrative fee
- J. Gruener to School IPM Coordinators, Warren Hills Regional HS, North Warren HS, Great Meadows Regional School District, Blairstown Elementary School, Washington Township School District, Blair Academy, Liberty Learning Center re: IPM Pesticide application notification
- A. Angelus, OMCC to J. Gruener re: DOH Survey
- A. Kabigting to J. Gruener re: CDC Tick Control Survey
- J. Gruener to State of NJ Affirmative Action Office re: Contract awarded for Aerial Larviciding Applications
- S. Gupta, Unimrkt Research to J. Gruener re: Survey completion request

- Businessolver to J. Gruener re: Employer termination in SHBP
- J. Gruener to WC Board of Commissioners re: Submission of 2022 Annual Report
- J. Gruener to Oxford Volunteer Fire Dept. re: Annual pesticide list & storage location
- J. Gruener to J. Mooney, Nisivoccia re: Records disposal request
- S. Crans, SMCC to J. Gruener re: Request for letter submission for emergency Kobelco repairs
- J. Gruener to SMCC re: Emergency repairs to Kobelco
- A. Giordano to NJ Lighttrap Cooperators re: Trap installation
- J. Malzone, Delaware Water Gap NRA re: Research permit
- J. Gruener to Wings Aerial Applicators re: Documents pertaining to aerial larviciding contract
- A. Angelus, OMCC to J. Gruener re: Kobelco emergency repair approved

UNFINISHED BUSINESS

NEW BUSINESS

Revised Healthcare Benefits Policy

Ms. Gruener stated that the revision of the Healthcare Benefits policy was required due to the change to the County self-insured healthcare coverage from the NJ State Health Benefits Plan (NJSHBP). The previous policy referenced the NJSHBP. The new policy was copied directly from the County policy. Other than the new insurance provider, the only change is the dental benefits. The commission is only paying for coverage for the employee, and it is now offered to the retirees. The policy was sent to the lawyer for review but there has been no response. After some discussion, Commissioner Greason made a motion to approve the new Healthcare Benefits policy. Commissioner Cooke-Gibbs seconded the motion and the motion carried.

Revised Benefits Schedule & Travel Reimbursement Policy

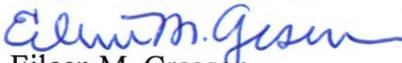
Ms. Gruener stated that the revision to the Benefits Schedule & Travel Reimbursement policy was needed due to the reference of the NJ SHBP. Also, the eyeglass plan reimbursement was \$200 every two years; added to the new policy is that the employee can use request reimbursement not to exceed \$400 in a four year period. Lodging for travel reimbursement has increased to \$225 per day. Subsistence reimbursement increased to a total not to exceed \$100 per day. After some discussion, the wording under I.d., 'carry-over' was removed, and 'use' was added and under III. iii. 'annually' was removed. Commissioner Eriksen made a motion to approve the Benefits Schedule & Travel Reimbursement Policy with noted changes. The motion was seconded by Commissioner Roscoe and the motion carried.

RESOLUTIONS

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:13 am.

Respectfully Submitted,


Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, May 18, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:19AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES (remote)
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	NO
Dr. Roscoe	YES (remote)
Mr. Summers	NO
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

Ms. Gruener noted May is Tickborne Disease Awareness month. Several educational posts were shared on the County's social media pages.

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the April 20, 2023, meeting and asked if there were any corrections or modifications. There being none, Commissioner Eriksen made a motion to approve the meeting minutes. Commissioner Greason seconded the motion and the motion carried. Commissioner Roscoe noted a needed correction on page two. Commissioner Eriksen made a motion to amend the previous motion and approve the minutes with correction. The motion was seconded by Commissioner Roscoe and the motion carried.

PUBLIC COMMENTS


E. Greason

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the April 30, 2023, Budget & Treasurer's Reports were presented at the meeting for approval, and he asked if there were any questions or concerns. Chairman Burke noted he was still trying to navigate the new reports and asked how the debit and credit totals at the top of the pages tied into the beginning balance. Ms. Fisher stated she would investigate the answer and report back at the next meeting. Commissioner Eriksen made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried.

SUPERINTENDENT'S REPORT

The new north route seasonal began her in-house training on May 11, 2023, she is set to begin field route training on May 16, 2023. The two returning seasonal employees are set to start on May 15, 2023. The final two new seasonal employees are scheduled to begin on May 18, 2023. The audit was completed by Nisivoccia on April 3, 2023, the draft audit report has not yet been received. The NPS permit for surveillance in the Delaware Water Gap NRA was received; tick surveillance is also planned. The Oxford rain gauge recorded 4.6 inches of rain for the month of April, which was slightly below the 10-year average of 4.82 inches. Temperatures have been above normal for the fourth month in a row and April was the third warmest April on record. *Aedes vexans* and *Psophora* species floodwater mosquitoes are being seen earlier than in the recent past with the rise in temperatures. Scott Crans from the SMCC/OMCC wanted to collect *Aedes sticticus* larvae but the hatch off was about two weeks prior to his request. Disease surveillance has begun and the first samples for the year were submitted to NJPHEL for testing on May 15, 2023. NJ Light traps were installed on May 8, 2023, at seven locations throughout the county. The state-owned Kobelco excavator is still at Cory Brothers awaiting parts for repairs. The Musconetcong Watershed Association again asked the commission staff to pick up and recycle tires from their annual clean up of the Musconetcong River; however, the County Road Department had already picked up the tires before staff could get there. The tire trailer is already completely full due to the clean-up of Bastedo home on the property of WC PCFA.

Detention ponds on the south route were hand cleaned. All four routes are being monitored and treated as necessary. Two ULV machines were calibrated for proper flow rate, droplet size, and density. On May 4, 2023, 658 acres were aerially treated for larval mosquitoes at sites in Allamuchy, Independence, and Oxford Townships. On May 12th, a second fish stocking took place, at previously approved/stocked sites, with fathead minnows purchased from the Musky Trout Hatchery. Spring tick surveillance is ongoing as the nymphal deer tick peak approaches.

Ms. Giordano and Ms. Fisher gave presentations to the fourth-grade classes at Pohatcong Township school on April 26, 2023. Ms. Fisher staffed a booth at the Hope Township Green Fair on April 29, 2023. Ms. Giordano submitted an article to the NJMCA newsletter for the *Meet the Member* section. Ms. Giordano and Mr. Hagerty attended the NEVBD Vector Biology Boot Camp held at Penn State University May 16-18, 2023. Registration was free and travel expenses were covered by the tick surveillance grant funding.

Senate Bill 2883, originally presented in the Assembly by Beth Sawyer, Gloucester County, passed out of Senate Committee of Urban and Community Affairs on May 8, 2023. This is the bill that was introduced in 2022 stating that each county mosquito agency should be structured as a Commission and outlined specific reporting requirements to the State Mosquito Control Commission. NJMCA testified in opposition to the bill. Ms. Gruener had drafted a letter with comments which were not included in the testimony by NJMCA. There are only three remaining mosquito commissions in the state which operate as a commission. History shows that within 10-15 years of being decommissioned, the mosquito control programs begin to erode. Ms. Gruener requested permission to comment in favor of the bill on behalf of the Commission. Permission was granted.


E. Greason

The EPA approved the emergency use of Wolbachia infected mosquitoes to protect endangered birds from avian malaria in Hawaii. Maricopa County, Arizona had over 1400 human cases of West Nile virus, with over 100 deaths, confirmed in 2021. Ms. Gruener noted that only adult mosquito surveillance and control was conducted in Maricopa County; which says a lot of how well larval surveillance and control works.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-05 (Resolution 2023-10) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Greason made a motion to approve master voucher M2023-05 in the amount of \$49,298.01. The motion was seconded by Commissioner Eriksen and the motion carried.

COMMUNICATION

- P.Srinivasan, GoTo to J. Gruener re: Security Incident now closed
- J.Malzone, NPS to J. Gruener re: NPS permit received
- A. Sun, OMCC to J. Gruener, to & fro re: May County Visit
- EPA to J. Gruener re: Approves Emergency Wolbachia Mosquitoes in Hawaii
- D.Markowski, AMCA to J. Gruener re: Monthly Curate Report
- D. Robinson, M. Gerbush, NJ State climatologist Office to C. Fisher re: CoCoRaHS Certificate
- S. Crans, OMCC to J. Gruener re: Submission of Mosquito Pools to PHEL
- A. Sun, OMCC to J. Gruener re: Postponing County Visit
- M. Tropiano, NJDEP to S. Oliphant re: Permit Submission

UNFINISHED BUSINESS

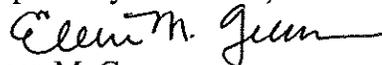
NEW BUSINESS

RESOLUTIONS

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:12 am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, June 15, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:17AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	NO
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	YES (remote)
Dr. Roscoe	YES (remote)
Mr. Summers	YES (remote)
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the May 18, 2023 meeting and asked if there were any corrections or modifications. There being none, Commissioner Greason made a motion to approve the meeting minutes. Commissioner Roscoe seconded the motion and the motion carried with Commissioners Summers and Cooke-Gibbs abstaining.

PUBLIC COMMENTS

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the May 31, 2023, Budget & Treasurer's Reports were presented at the meeting for approval, and he asked if there were any questions or concerns. Ms. Fisher stated that she included a copy of April's regular account report with notes and a regular account report from January 1-


E. Greason

April 30th (to show the beginning balance for the year) in the meeting packet. Last month, Chairman Burke noted he was still trying to navigate the new reports and asked how the debit and credit totals at the top of the pages tied into the beginning balance. Ms. Fisher stated that the January 1, 2023 beginning balance is not printed on the monthly report (as it does on the report beginning January 1st). To calculate the month's beginning balance, start with the January 1st beginning balance of \$147,379.39, then using the figures at the top of the report noted as 'Activity/ Balance Before', the debit total is added, and the credit total is subtracted, the amount remaining is the month's beginning balance. Then if the monthly debit total is added and monthly credit total is subtracted to the month's beginning balance, it will then give the ending balance of the report. Commissioner Greason made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried.

Also, Ms. Fisher noticed a \$12 payment, check number 6035, was not applied to the Commission's Wilson Products (WP) account. After researching and finding that the check had been cashed by PNC Bank, WP was contacted. WP then stated it was not their endorsement on the back of the check. After some back and forth, PNC Bank supplied an affidavit for claim, which was completed and returned for 'Forged/Unauthorized Endorsement'. The issue was researched and on June 15, 2023, PNC issued a letter stating a \$12 credit was placed in the Commission bank account.

SUPERINTENDENT'S REPORT

All five seasonal employees are onboard, have completed training, and are working independently. The audit was completed by Nisivoccia on April 3, 2023, a draft audit was received but the in-house review has not yet been completed. Motor vehicle report summaries were completed and sent to NJIIF. Ms. Gruener was contacted by Emily Mader from Cornell University asking if the commission would be interested in partnering with Cornell to learn more about community perceptions on mosquito-borne disease risk, bite prevention, and mosquito management. Focus groups are being implemented in the middle and southern regions of New Jersey and Cornell was looking for a county in northern NJ to host the group. All that was required of the commission was to advise on potential venues to hold the focus group and help spread the word to recruit participants. Ms. Gruener agreed; the focus group will take place on June 22, 2023, at the Rutgers Cooperative Extension Office meeting room, residents are still being recruited.

Ms. Gruener contacted John Donnadio from NJAC to discuss the erroneous comments made regarding mosquito commissions during testimony on behalf of the NJAC at the Senate Urban and Community Affairs Committee hearing for Bill S2833. Chairman Burke ^{requested} stated that The NJ Farm Bureau will write a letter in support of mosquito commissions; as vector-borne diseases affect livestock, adult mosquitoes affect agricultural workers, can affect agri-tourism, and water management issues that maintain and control land for farming. The NJDEP beekeeper list was edited by the NJDEP/NJDAG to include a county column; commission staff are revising the in-house list accordingly.

The Oxford rain gauge recorded 0.85" of precipitation in May; however, it should be noted that 1.6 inches of rain fell on April 30 into May 1st, due to how the Commission records precipitation on weekends, that amount was attributed to April. The state climatologist reported that the statewide average precipitation was 2.24" across NJ, which was 1.51" below the 30-year normal.

NJ Light Traps are collecting low numbers of mosquitoes, *Culex* species are the most abundant overall, as they are attracted to the traps in drier conditions. Several species of mosquitoes were collected earlier than expected, for example, *Aedes albopictus* mosquitoes were collected on May 10, 2023. Sixty-four pools have been submitted to PHEL for mosquito borne disease testing; all samples have tested negative.

Ms. Giordano and Mr. Hagerty performed in-house insecticide resistance testing with both Etofenprox and Malathion for field testing next month. Ms. Giordano is working on mechanism testing with PBO, a synergist, added to the part of the testing. Valent BioSciences has a new adult mosquito control product,


E. Greason

with a new active ingredient, and wants to use the commission's colony mosquitoes for pesticide testing in Mercer County the second or third week in July.

The repairs to the state-owned Kobelco were completed and the reimbursement request was submitted to the SMCC. The trailer, plus additional dumpsters, are currently full of tires for recycling; Richie's tire recycling has been called several times to swap out the trailer. Mr. Flohn mowed at Axford Ave. and Cat Swamp sites in Oxford Township, off Youngs Island Rd in Allamuchy and Independence Townships and Freeborn Lane in Allamuchy Township. Also, access clearing and chain sawing was done at Schulster's property on Bear Creek Road in Allamuchy Township. Ms. Oliphant inspected and sampled the wetlands mitigation bank in Oxford; *Aedes canadensis*, *Ae. cinereus* and *Culex salinarius* larvae were collected. Trout Brook in Allamuchy Township was surveyed and several blockages were found that would be appropriate for hand clearing when seasonal staff are available. A service request from the Engineering Department was investigated in Frelinghuysen Township off Stonebridge Road. A dam along the Paulins Kill River was removed and there is standing water in the spillway. It currently has fish in it so no action is required but the site was added to the Central route and will be monitored as needed.

The first round of catch basin treatments were completed early on all routes. A project utilizing GAT (Gravid Autocidal Traps) was started at Kurcharski's junk yard in Independence Township to determine if this method could be a potential control method for *Aedes albopictus* in urban neighborhoods. Truck-mounted mosquito control has not been necessary yet this year. Several staff members were fortunate enough to attend an aerial adult mosquito calibration in Vineland, NJ where both fixed wing and helicopter spray systems were flow and droplet calibrated for use with Merus 3.0, a natural pyrethrum. A few fish requests and swimming pool complaints were received and responded to accordingly.

Five posts were shared on Facebook for Tickborne Disease Awareness month. Several posts were also shared to recruit residents for the Cornell focus group through municipality and County Facebook pages. Ms. Giordano and Mr. Hagerty attended the NEVBD Vector Biology Boot Camp held at Penn State University.

Spring tick surveillance is ongoing. It seems that the nymphal peak for *Ixodes scapularis* (the black-legged tick, aka the deer tick) may have been a week earlier this year than last, but the data has not been analyzed yet. One adult *Amblyoma americanum* (lone star tick) was collected from the Knowlton Township, Station Road site. This is the third *A. americanum* collected in Warren County that the office is directly aware of.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-06 (Resolution 2023-11) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Greason made a motion to approve master voucher M2023-06 in the amount of \$65,061.34. The motion was seconded by Commissioner Roscoe and the motion carried.

COMMUNICATION

- A. Fallone, NJDEP to S. Oliphant re: Permit Application Complete
- M. Tropiano, NJDEP to S. Oliphant, to & fro re: LUP Permit
- J. Donnadio, NJAC to J. Gruener, to & fro re: County Mosquito Control Bill
- A. Sun, OMCC to A. Giordano re: JerseySurv Info Request
- EPA to J. Gruener re: Scientific Testing of Pesticide Products
- A. Safi, Cornell University to A. Giordano re: Public Health Communication Project/Cornell MPH student
- J. Mora, NJMCA to J. Gruener re: National Mosquito Control Awareness Week campaign
- K. Williams, Valent Biosciences to J. Gruener re: Field Trial Protocol
- R. Anderson/M. Tropiano NJDEP to S. Oliphant, to & fro re: Blanket LUP Permit
- P. Drake, Frontier Precision to J. Necina, to & fro re: Mapping/Inspection Drone


E. Greason

- E. Mader, Cornell University to J. Gruener, to & fro re: Mosquito-borne Disease Focus Groups
- H. Luberto to J. Gruener re: June 22 Focus Group, Electronic Newsletter
- J. Gruener to M. Baker, WC Library re: Focus Group and National Mosquito Control Awareness Week
- P. Wilson, ESU to J. Gruener re: Holly Moore Internship

UNFINISHED BUSINESS

NEW BUSINESS

Purchase of Inspection/Mapping Unmanned Aerial System

Ms. Gruener stated she would like to purchase an Unmanned Aerial System (UAS). Mr. Hagerty and Mr. Necina hold Federal Aviation Administration Part 107 certifications to operate a UAS. Currently, pesticide treatments are not approved, so the UAS purchased would be used for inspections and mapping on sites that are inaccessible by foot to increase efficiency as well as the safety of personnel. Research has been done on the best UAS fit for Commission needs; the Mavic 3 Enterprise was found to be the most suitable and cost effective. As per NJ purchasing laws, quotes were obtained from three vendors on the Mavic 3 Enterprise. The lowest quote was received from Frontier Precision, in the amount of \$4,996.00. Frontier Precision would also supply support at no additional cost. This price does not include a data processing subscription service, which would be needed in the future. After some discussion, Commissioner Summers made a motion to approve the purchase of the Mavi 3 Enterprise UAS. The motion was seconded by Commissioner Greason and the motion carried.

RESOLUTIONS

RESOLUTION 2023-12

Resolution Approving the Purchase of an Inspection/Mapping Unmanned Aerial System

On a motion by Peter Summers, seconded by Eileen Greason, the following resolution was unanimously adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held June 15, 2023.

WHEREAS, the Warren County Mosquito Extermination Commission (the "Commission") uses an Integrated Pest Management (IPM) approach to control mosquitoes in an efficient and environmentally-sound manner; and

WHEREAS, unmanned aerial systems, UAS, are being used in mosquito control across the nation to increase efficiency as well as the safety of personnel; and

WHEREAS, the Commission has previously proven the utility of UAS in mosquito control through an agreement with NJIT; and

WHEREAS, two of the Commission permanent staff hold Federal Aviation Administration Part 107 certification to operate small UAS; and

WHEREAS, UAS can be used for inspecting and/or mapping remote sites that are inaccessible on foot; and

WHEREAS, a mapping and inspection UAS with programmable and manual flight options would be the most useful to Commission staff at this time; and


E. Greason

WHEREAS, suitable UAS were extensively researched; and

WHEREAS, a Mavic 3 Enterprise was found to be the most suitable and cost effective; and

WHEREAS the Mavic 3 Enterprise is portable and compact, has a 20-megapixel 56x zoom camera, 45-minute flight durations, and omnidirectional sensing for safe flying; and

WHEREAS, pursuant to NJ Public Contracts law, quotes were obtained from 3 vendors for a Mavic 3 Enterprise with a battery kit and real-time kinematic (RTK) Module to correct location data in images during flight; and

WHEREAS, the lowest quote, not including shipping, for a Mavic 3 Enterprise with battery kit and RTK module with full support and integration with FieldSeeker was obtained from Frontier Precision, 1713 Burlington Drive, Bismark, ND 58504; and

WHEREAS, the purchase of a UAS was not included in the 2023 budget; and

WHEREAS, funds for the purchase of a UAS are available in line M-15 Equipment Purchase line; and

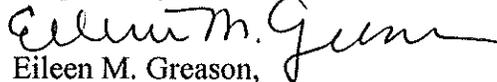
WHEREAS, the Superintendent has prepared Certification of Availability of Funds in connection with the purchase.

THEREFORE, BE IT RESOLVED, the Warren County Mosquito Extermination Commission hereby authorizes the purchasing agent to purchase a Mavic 3 Enterprise with battery kit and RTK module from Frontier Precision, 1713 Burlington Drive, Bismark, NJ 58504, for a price not to exceed \$4,996.00.

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:27 am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, July 20, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:17AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES <small>(remote)</small>
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	NO
Dr. Roscoe	YES <small>(remote)</small>
Mr. Summers	YES <small>(remote)</small>
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the June 15, 2023, meeting and asked if there were any corrections or modifications. Chairman Burke noted that 'stated' should be changed to 'requested' on page 2, under Superintendent's Report, second sentence, second paragraph. Commissioner Greason made a motion to approve the meeting minutes with the correction. Commissioner Roscoe seconded the motion and the motion carried.

PUBLIC COMMENTS

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the June 30, 2023, Budget & Treasurer's Reports and a Budget Transfer were presented at the meeting for approval, and he asked if there were any questions or concerns.


E. Greason

Commissioner Eriksen made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried. Ms. Gruener stated the transfer of \$12,800 is from M-15 Equipment Purchases to M-10 Fish/Insecticides/Licenses to purchase additional granular pesticides for aerial larviciding treatment due to all the precipitation that has fallen in the last week. Commissioner Greason made a motion to approve the Budget Transfer. The motion was seconded by Commissioner Eriksen and the motion carried.

SUPERINTENDENT'S REPORT

The final audit report was received by Nisivoccia, with no recommendations, and will be discussed under New Business. The NEVBD conducted the focus group on June 22, 2023; no results have been received to date. GPS vehicle tracking software/hardware is being researched for safety and accountability concerns. A complaint was received from a Hackettstown resident regarding the treatment of his unmaintained swimming pool. The resident left a message on the machine containing profanity. After Ms. Gruener left several messages, the resident called and spoke to the County Administrator, no further contact was made.

The Oxford rain gauge recorded 7.41 inches of precipitation for the month of June, which is above the ten-year average of 5.57 inches. NJ Light Traps were collecting low numbers of mosquitoes, but collections numbers started picking up at the end of June, but still are not very high. Twenty pools per week were submitted to NJ PHEL for mosquito borne disease panel testing between the June and July meetings. To date, 160 pools of mosquitoes for WNV/EEE/JCV/SLE panel testing and 8 pools for LACV/WNV testing have been submitted, with no positive results. Ms. Giordano has conducted in-house bottle bioassay testing for insecticide resistance on *Culex restuans* egg rafts collected from several locations. Those results will be presented when complete. Mr. Necina attended the ReMOA Field Trail to test a pesticide with a new active ingredient at Mercer County Airport. The mapping/inspection drone has been received.

The new 5-year blanket FWW/FHA permit was received and filed with the county clerk. A packet for a ditch maintenance project on Freeborn Lane in Allamuchy Township was submitted to NJDEP for approval. Blockages were removed from the Paulins Kill River in Hardwick Township and the Lopatcong Creek in Lopatcong Township. Brush clearing was done at airspray sites in Allamuchy and Oxford Townships. Mowing was done at the Pallet Company and on Still Valley Road, both in Pohatcong Township. Ms. Oliphant inspected and sampled the Kenco Wetland mitigation site.

Three more aerial larviciding applications have been conducted. On June 30th, 1,920 acres were treated in Allamuchy, Frelinghuysen, Independence, Liberty, Oxford, and White Townships. On July 12, 2023, 770 acres were treated in Allamuchy, Independence, Liberty, Oxford, and White Townships. On July 19, 2023, 420 acres were treated in Allamuchy, Frelinghuysen, Independence, and Oxford Townships. Four nights of adult mosquito control applications took place in the following townships: Allamuchy, Frelinghuysen, Hope, Independence, Hardwick, and Knowlton. Two additional ULV treatments are scheduled for this evening.

A special post reminding residents to dump water from containers on their property, prompted by the recent heavy rains, was shared through the county Facebook page. A display was set up in the Southwest Branch of the Warren County Library for the week of National Mosquito Control Awareness month and was very well received.

Spring tick surveillance wrapped up and all nymphal and adult ticks have been identified and entered in VectorSurv. Samples continue to be pooled and shipped to PHEL. Results from the 2022 tick collection are being received; among the most remarkable data, one tick was infected with four pathogens and another tick was infected with three pathogens. Also, thirty percent of ticks infected with Lyme disease were also co-infected with Babesiosis. Locally transmitted cases of Malaria have been reported in Florida and Texas.


E. Greason

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-07 (Resolution 2023-13) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Greason made a motion to approve master voucher M2023-07 in the amount of \$88,949.86. The motion was seconded by Commissioner Eriksen and the motion carried.

COMMUNICATION

- S. Oliphant to NJDEP re: Freeborn Lane Ditch Maintenance Project Proposal
- L. Bonus, Camden County MEC to J. Gruener re: Spotted Lanternfly Program
- J. Gruener to NJ Farm Bureau re: Senate Bill S2833
- S. Oliphant to Reliable Holdings Stormwater Facility on Mountain Avenue
- S. Crans, OMCC to J. Gruener re: Insecticide Resistance in Vector Control, Defining Application Failure

UNFINISHED BUSINESS

NEW BUSINESS

2022 Financial Audit

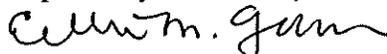
The 2022 Financial Audit was received and reviewed. There were no recommendations made. Commissioner Greason made a motion to accept the 2022 Financial Audit by Nisivoccia. Commissioner Eriksen seconded the motion and the motion carried.

RESOLUTIONS

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:12 am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, August 17, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:21AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES <small>(remote)</small>
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	NO
Dr. Roscoe	YES <small>(remote)</small>
Mr. Summers	YES <small>(remote)</small>
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

Ms. Gruener stated that after the meeting, there will be a demonstration of the unmanned aerial system.

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the July 20, 2023, meeting and asked if there were any corrections or modifications. There being none, Commissioner Eriksen made a motion to approve the meeting minutes. Commissioner Roscoe seconded the motion and the motion carried.

PUBLIC COMMENTS

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the July 31, 2023, Budget & Treasurer's Reports were presented at the meeting for approval, and he asked if there were any questions or concerns. There being none,


E. Greason

Commissioner Roscoe made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Eriksen and the motion carried.

SUPERINTENDENT'S REPORT

The 2022 Right to Know survey was completed and submitted on July 7, 2023. The Mavic 3 UAS was additionally insured, registered, and activated. Seasonal employee end dates range from August 18th to August 25th. Ms. Bell and Ms. Kaplinski will continue to work two days a week during the fall. Insurance renewal information has been received; completed renewal applications are due by September 1, 2023.

Since the incredible amount of rain that fell in July, the season has become very busy. The Oxford rain gauge recorded 16.42 inches of precipitation for the month of July, which is 2.5 times the 10-year average for that gauge. The state climatologist reported that the statewide average precipitation was 6.27 inches for July, which is 1.56 inches above the statewide normal; however, precipitation was much higher in the northern portion of the state. Another 1.68 inches of precipitation has fallen in the first ten days of August.

An aerial larviciding is planned for tomorrow, August 18, 2023. This treatment will use all the pesticide on hand. Ms. Gruener stated that ordering more pesticide will require a transfer of funds, which will be presented at the next meeting. The populations of nuisance mosquitoes has increased significantly, with high populations of *Aedes vexans*, *Aedes trivittatus*, and *Psorophora ferox* generating service requests for adult mosquito control applications. *Aedes trivittatus* is a floodwater mosquito which is difficult to kill as an adult. All the traps are loaded with mosquitoes. To date, four mosquito pools have tested positive for West Nile virus; the last one was a pool of *Aedes trivittatus* collected in Belvidere; the area will be sprayed tonight.

Ms. Giordano completed a bottle bioassay test last month; the results have not been analyzed yet but some findings are noteworthy. Stock solutions of etofenprox made with acetone vs. ethanol worked much better against the colony mosquitoes (known resistant to etofenprox). All of the *Culex* mosquitoes tested were still susceptible to malathion. The *Culex restuans* population collected at Meadow Breeze Park, Washington seem to be more resistant to the etofenprox than the populations collected from East Baldwin Street, Hackettstown. The addition of PBO, a synergist, increased the effectiveness of the etofenprox during one of the bioassays against *Cx. restuans* but it did not seem to make a difference against the colony mosquitoes. The primary *Culex* mosquitoes being collected remain *Culex restuans*. Egg pans were set out this week to see if the dynamic is changing now that West Nile virus is being found.

Ms. Oliphant submitted an application for a ditch maintenance project on Freeborn Lane in Allamuchy Township. USFWS requested a bog turtle habitat survey for the project unless Brian Zarate from NJ Fish and Wildlife is willing to inspect and possibly sign-off on the project. Ms. Oliphant is waiting for his response. The maintenance completed on the Kasper Road ditches made a huge difference in mosquito populations this year. Hopefully the Freeborn Lane project is approved and will follow suit. Brush clearing was completed on sites in Hardwick, Knowlton, and White Townships. Fallen trees were cleared from an access road along abandoned railroad beds in White and Knowlton Townships. The detention basin at the Hackettstown Business Condo was reportedly mowed in response to the letter Ms. Oliphant sent last month. A standpipe holding water in Blairstown on Union Brick Road producing mosquitoes was treated and another off Stark Road in Knowlton Township was filled in.

All four routes are very busy and are being constantly monitored and treated as necessary. Fish stocking took place on July 19th, July 21st, July 28th, and August 16th, both fathead minnow and *Gambusia affinis* were received from the Hackettstown Hatchery. A third ULV sprayer was put into rotation, the London Fogger, which previously had been set to do ULV larval control. Droplet calibration was completed for a water-based adulticide product.


E. Greason

Ms. Fisher and seasonal employee, Ms. Kaplinski completed the display for the Warren County Farmer's Fair, for the week July 19- August 5, 2023. The results for the 2022 tick collections are as follows: 409 *Ixodes scapularis* (black legged tick, aka deer tick) were tested for the multi-plex panel with 36% infection rate overall: 71 positive for *Borrelia burgdorferi*, 37 positive for *Babesia microti*, 25 positive for *Ana plasma phagocytophilum*, and 11 positive for *Borrelia miyamotoi*. Thirty of the ticks had more than one pathogen, twenty-six were infected with two, three were infected with three, and one was infected with four! The most common co-infection was *B.burgdorferi* with *Babesia microti*; all eleven of the co-infections found in nymphs were that combination. Three ticks, collected from two separate areas, were infected with Powassan virus. The best message to relay to residents and visitors is to wear repellent whenever in tick habitat. The results from the 2023 tick submission are beginning to trickle in. The annual tick grant report is due on August 31st. The Revco freezer was delivered back to the office; it stopped working and had to be sent out as repairs could not be completed at the office. Fortunately, there was an option to rent a loaner freezer while the Revco was in the shop being repaired.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-08 (Resolution 2023-14) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. Commissioner Eriksen made a motion to approve master voucher M2023-08 in the amount of \$88,115.55. The motion was seconded by Commissioner Greason and the motion carried.

COMMUNICATION

UNFINISHED BUSINESS

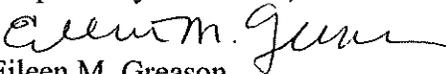
NEW BUSINESS

RESOLUTIONS

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:02 am.

Respectfully Submitted,


Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, September 21, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:15AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES (remote)
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	YES (remote)
Dr. Roscoe	YES (remote)
Mr. Summers	YES (remote)
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the minutes from the August 17, 2023, meeting and asked if there were any corrections or modifications. There being none, Commissioner Roscoe made a motion to approve the meeting minutes. Commissioner Eriksen seconded the motion and the motion carried with Commissioner Cooke-Gibbs abstaining.

PUBLIC COMMENTS

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the August 31, 2023, Budget & Treasurer's Reports and Budget Transfers were presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns regarding the August Budget & Treasurer's Reports. There being none, Commissioner Greason made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by

ah
E. Greason

Commissioner Eriksen and the motion carried. Regarding the Budget Transfers, Ms. Gruener stated \$1,025 would be transferred from M-03 Insurance to M-12 Office Supplies and \$3,000 would be transferred from M-04 Telephone/Internet to M-11 Fuel/Vehicle-Equipment Maintenance for projected shortages. The projected shortage in M-11 Fuel/Vehicle-Equipment Maintenance is due to vehicle and Revco freezer repair costs being more than anticipated/budgeted. Chairman Burke asked if there were any questions regarding the Budget Transfers. There being none, Commissioner Roscoe made a motion to approve the Budget Transfers. The motion was seconded by Commissioner Greason and the motion carried.

SUPERINTENDENT'S REPORT

The Annual Membership Certification for NJ Pensions & Benefits was completed by the Certifying Officer and the Certifying Officer Supervisor. One seasonal employee, Lynsey Bell, remains and can work two days a week through October. The annual (2022-2023) tick surveillance report was submitted to the NJ Department of Health Communicable Disease Division. The Tick Surveillance Grant was renewed for 2023-2024, for its fifth and possibly final year. The completed renewal applications for insurance for the NJIIF were submitted. Although the formal budget request from the County Commissioners has not been received, the draft of the 2024 budget has begun.

The Oxford rain gauge recorded 7.01 inches of precipitation for the month of August, and 3.35 inches has been recorded for the first eighteen days in September. The populations of nuisance mosquitoes remained high through August but has started to wain the first few weeks of September, in most areas. To date the commission has submitted 352 pools of mosquitoes for testing, of which 26 have tested positive for West Nile virus. Statewide it has been an active WNV year but a mild year for EEE, with no cases, and Jamestown Canyon virus, with three cases.

Ms. Oliphant met with NJ Fish and Wildlife staff on site at the Freeborn Lane project in Allamuchy Township. The site was found not to be suitable habitat for the bog turtle. A Right of Entry request was sent to a property owner in Oxford to clear a fallen tree from Furnace Brook. A fallen tree was cleared from an aerial larviciding site access road on Bear Creek Road in Allamuchy Township. Tires were picked up from the Musconetcong Watershed Association parking lot in Asbury following a request from the association. The tires were pulled out of the Musconetcong River after heavy rains.

Yard audits were done in Lopatcong, Oxford, Alpha, and Belvidere following *Aedes albopictus* collections and/or West Nile virus activity. All four routes continue to be monitored. An additional aerial larviciding treatment took place on August 18th. A high number of adult mosquito control applications have taken place this season; in August treatments took place 17 nights at 77 locations in 20 municipalities and September 1-18th, treatment has taken place 6 nights at 12 locations in 12 municipalities. Service requests were received regarding rain gardens located at the Belvidere Elementary and the Lopatcong Middle School; both in areas where WNV has been found. Inspections of the rain gardens found them functioning as they should and not currently producing mosquitoes.

Ms. Gruener gave a presentation to the Alpha Borough council at their public meeting on September 13, 2023, following an inquiry from one of their councilmen regarding notifications and insecticides. A RAVE notification call was mistakenly scheduled to go out the wrong night, which prompted the call from the Alpha councilman. Ms. Gruener gave two interviews with WRNJ.

During a discussion while talking about correspondence, Ms. Gruener mentioned the difficulty the Commission, Health Dept., and the townships have when trying to get residents to clean up their properties. Commissioner Cooke-Gibbs suggested having the townships adopt the NJ Public Health Nuisance Code; it is an old but effective law.


E. Greason

PRESENTATION OF BILLS

Chairman Burke noted that corrected master voucher M2023-08 (Resolution 2023-14) was presented at the meeting for approval. Ms. Fisher noted that she made an error on PO 11482 (from August's List of Bills/Master Voucher) and the check for New Pig Corporation, fortunately, it was noticed before the check was mailed. The PO and the check were made out for \$791.52 and should have been \$263.84. The check was voided, the PO corrected, the check issued in the correct amount, the August List of Bills/Master Voucher M2023-08 and the accompanying Resolution 2023-14 were corrected, and a corrected Resolution 2023-14 was issued. The total amount of M2023-08 (Resolution 2023-14) was changed from \$88,115.55 to \$87,587.87. Chairman Burke asked if there were any questions or concerns. There being none, Commissioner Eriksen made a motion to approve corrected master voucher M2023-08. The motion was seconded by Commissioner Roscoe and the motion carried.

Chairman Burke noted that master voucher M2023-09 (Resolution 2023-15) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. There being none, Commissioner Greason made a motion to approve master voucher M2023-09 (Resolution 2023-15) in the amount of \$112,008.25. The motion was seconded by Commissioner Eriksen and the motion carried.

COMMUNICATION

- US EPA to J. Gruener re: Announcement of Implementation of Mitigation Measures for Insecticide Malathion to Protect Endangered Species
- NJ Pensions & Benefits to J. Gruener re: Annual Renewal for Annual Membership Certification
- R. Klee & R. Conover, US F&WS to S. Oliphant re: Approval for Freeborn Lane Ditch Maintenance Project
- US EPA to J. Gruener re: Final Guidelines for the EPA's Endangered Species Act
- S. Oliphant to 1526 Warren Street, Alpha re: Containers holding water on property

UNFINISHED BUSINESS

NEW BUSINESS

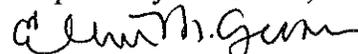
Ms. Gruener stated Scott Crans from the State Mosquito Control Commission/Office of Mosquito Control Coordination (SMCC/OMCC) asked the mosquito control community to support two pieces of legislation; Assembly bill A5657 and Senate bill S4038. The bills will increase the OMCC/SMCC annual budget by three million dollars a year. After some discussion, Chairman Burke made a motion to allow Ms. Gruener to submit a letter in support of Assembly bill A5657 and Senate bill S4038 in the event that expediency is required and the support letter must be sent prior to the next meeting, otherwise the letter to be sent pending the formal resolution of the letter at the October meeting. The motion was seconded by Commissioner Greason and the motion carried.

RESOLUTIONS

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 8:53 am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, October 19, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:15AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES <small>(remote)</small>
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	NO
Dr. Roscoe	YES <small>(remote)</small>
Mr. Summers	YES <small>(remote)</small>
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with the corrected minutes from the August 17, 2023, meeting and minutes from the September 21, 2023 meeting. Ms. Fisher stated that Ms. Giordano noticed that the incorrect mosquito species was noted in the minutes. On page two, under the Superintendent's Report, fourth paragraph, *Ae. trivittatus* should be *Ae. triseriatus*. He asked if there were any corrections or modifications. There being none, Commissioner Eriksen made a motion to approve the August corrected meeting minutes and the September meeting minutes. Commissioner Greason seconded the motion and the motion carried.

PUBLIC COMMENTS


E. Greason

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the September 30, 2023, Budget & Treasurer's Reports were presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns regarding the Budget & Treasurer's Reports. There being none, Commissioner Greason made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried.

SUPERINTENDENT'S REPORT

Staff members are working on writing a concept of operations and policy for the use of the unmanned aerial systems. The budget request was received from the County and the draft budget has been prepared ^{and} will be discussed under New Business. The 2024 Plans & Estimates was completed and will be discussed under New Business. Research has begun on the pricing and logistics of purchasing a UAS for insecticide applications.

The Oxford rain gauge recorded 6.78 inches of precipitation for the month of September, which is above the 10-year average of 4.49 inches. In the first thirteen days of October, only 0.06 inches has been collected in the Oxford rain gauge. Nighttime temperatures have become too low for adult mosquito treatments. Full-time staff are inspecting routes since seasonal employees left. Aerial larviciding sites were checked following rain events throughout September but there was not enough acreage producing mosquitoes to justify a treatment. West Nile virus activity was starting to calm down by the end of September. EEE has been found in fourteen mosquito pools in the ^{eight} northern counties; Atlantic, Burlington, Camden, Cape May, Cumberland, Hunterdon, Morris, and Somerset counties. Four mosquito samples have tested positive for Jamestown Canyon virus from Cumberland, Gloucester, Salem, and Sussex Counties. One mosquito sample in the state, from Sussex County, tested positive for LaCrosse encephalitis. An imported human case of Dengue virus was reported in Warren County. The area was trapped but yielded no positive mosquito samples. Monmouth County's one human case of West Nile virus suspected they contracted the virus in Warren County. The area of concern was trapped and yielded no positive mosquito results.

Water management activities have been stalled as Ms. Oliphant and Mr. Flohn have been busy with larval routes. A Right of Entry for the Freeborn Lane project has been sent out to Allamuchy Township. The third round of catch basin treatments was not quite completed. A stone pad was prepared, and the new carport was assembled alongside the building to provide shade and cover for the holding tanks, which house mosquito-eating fish during the season.

Yard audits were completed in areas in response to West Nile virus activity, the imported Dengue case, and mosquito nuisance complaints. In September, adult mosquito control took place with Zenivex E4 on three nights in ten locations, within seven townships and with Fyfanon ULV on four nights in seven locations in five townships. An alert through the County's RAVE system was sent to residents in Alpha Borough and Phillipsburg encouraging residents to dump standing water from containers on their properties. Fall tick surveillance is underway and new exploratory sites have been found. EPA rules changed regarding pesticide training; it was thought that it would not affect NJ since NJ rules are much stricter. However, it has, so training modifications are required in the WCMEC Basic training, which must be then re-submitted to the NJDEP for approval, and all pesticide applicator license holders must undergo additional training. Compliance is required prior to October 31, 2024.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-10 (Resolution 2023-16) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. There being none, Commissioner Eriksen made a motion to approve master voucher M2023-10 (Resolution 2023-16) in the amount of \$44,049.48. The motion was seconded by Commissioner Greason and the motion carried.


E. Greason

COMMUNICATION

- J. Gruener to WC Bd. Of Commissioners re: Mosquito Commissioner re-appointments
- D. Matadha, Middlesex County to J. Gruener re: Middlesex Borough mosquito spraying update
- K. Francisco, Warren County to WCMEC re: 2024 Budget Request
- J. Gruener to Alpha Borough re: Mosquito issues, 1526 Warren Street
- S. Crans, OMCC to J. Gruener re: Plans & Estimates submission request
- N. DiMartino, NJIIF to J. Gruener re: Statute of Limitations expiration
- R. Benecke to J. Gruener re: NJIIF 2022 Payroll Verification
- NJDEP to J. Gruener: NJDEP Basic Pesticide Training: Certified Trainer renewal
- WC to C. Cooke-Gibbs & E. Greason re: Re-appointment Resolution
- C. Dunwell, Alpha Borough to J. Gruener re: 1526 Warren Street

UNFINISHED BUSINESS

Resolution in Support of Assembly Bill NO. 5657 and Senate Bill NO. 4038

As discussed at the September meeting, Ms. Gruener presented the letters to be sent to the two senators and four assembly members of Districts 23 and 24 and the Resolution in support of Assembly Bill NO. 5657 and Senate Bill NO. 4038. The bills will increase the OMCC/SMCC annual budget by three million dollars. Commissioner Roscoe made a motion to approve Resolution 2023-17. The motion was seconded by Commissioner Greason and the motion carried.

EXECUTIVE SESSION

Ms. Gruener stated that the location of the Executive Session was changed on the agenda to discuss details prior to discussing the 2024 Budget. Commissioner Greason made a motion to enter into Executive Session at 8:43 am. The motion was seconded by Chairman Burke and the motion carried. Ms. Fisher left the room. The Executive Session ended at 9:00 and Chairman Burke stated no action was taken. Ms. Fisher re-entered the room. ES

NEW BUSINESS

Review of Commissioner Contact List

Ms. Fisher stated the County Commissioner's office asked that the Mosquito Commissioner contact information be reviewed and updated as needed. All Commissioners in attendance confirmed their contact information. Ms. Fisher stated she would contact Commissioner Cooke-Gibbs about her information and update any information and send it back to the County Commissioner office.

Proposed 2024 Budget

Chairman Burke noted the 2024 Proposed Budget was included in the meeting packet. Ms. Gruener stated she would update the budget with the total under M-01, with the scenario discussed in the Executive Session. Also, FICA and Disability expenses would be updated under M-02. Ms. Gruener then went over the budget line by line to discuss increases and decreases. Equipment Purchases of new truck to replace 352 and treatment UAS with software and charging station; both purchases were balanced with reserve funds. The truck purchase budgeted in 2023 was not purchased due to availability issues and the funds went to pesticide purchases and aerial larviciding treatment. Commissioner Eriksen made a motion to approve the 2024 Budget Request with the discussed changes. Commissioner Roscoe seconded the motion and the motion carried.


E. Greason

2024 Plans & Estimates

Ms. Gruener stated the 2024 Plans & Estimates report was included in the meeting packet. She noted that a paragraph for insertion into the Plans & Estimates, was included in the final meeting email along with the summary of changes. Ms. Gruener went over the summary of changes. She also noted the paragraph would be inserted into page 25, VII. Chemical Control, A. Larviciding/Pupiciding, 2. Aerial and the approved 2024 Budget would be added to the final version and submitted to NJ Agricultural Experiment Station. Commissioner Roscoe made a motion to approve the 2024 Plans & Estimates. The motion was seconded by Commissioner Greason and the motion carried.

**RESOLUTIONS
RESOLUTION 2023-17**

Resolution in Support of Assembly Bill No.5657 and Senate Bill No. 4038

On a motion by Douglas Roscoe, seconded by Eileen Greason, the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held October 19, 2023.

WHEREAS A5657 and S4038 appropriate \$3 million annually to DEP for mosquito control; and

WHEREAS A5657 and S4038 would increase the annual budget of the State Mosquito Control Commission (SMCC) for aid to local governments for mosquito control, research, administration, and operations; and

WHEREAS the SMCC provides aid to county mosquito control programs through several programs; and

WHEREAS the Warren County Mosquito Extermination Commission utilizes the SMCC equipment lease program, biological control program, and vector borne disease testing program; and

WHEREAS the Warren County Mosquito Extermination Commission has received grants and other assistance from the SMCC that has greatly enhanced its program; and

WHEREAS Assembly bill no. 5657 and Senate bill no. 4038 would require the appropriation of \$3 million per year to support these activities.

THEREFORE, BE IT RESOLVED that the Warren County Mosquito Extermination Commission supports A5657 and S4038; and

THEREFORE, BE IT FURTHER RESOLVED that the Warren County Mosquito Extermination Commission authorized the Superintendent to write letters of support in favor of A5657 and S4038.



E. Greason

RESOLUTION 2023-18
Resolution Approving the 2024 Budget Request

On a motion by Robert Eriksen, seconded by Douglas Roscoe, the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held October 19, 2023.

WHEREAS, the Warren County Mosquito Extermination Commission was duly created and validly exists under virtue of New Jersey State Statute Title 26, Chapter 9; and

WHEREAS, the County of Warren requires the preparation and submission of the 2024 Warren County Mosquito Extermination Commission's budget to the Warren County Board of County Commissioners; and

WHEREAS, the Warren County Mosquito Extermination Commission's annual budget for Fiscal Year 2024 estimates the expenditures for the upcoming year required for the Salaries/Wages and Benefits for all of its employees as well as all Operational Expenses required to fulfill its mission and operate through the ensuing year; and

WHEREAS, the Warren County Mosquito Extermination Commission, reviewed the proposed 2024 Budget prior to the October 19, 2023 regular meeting; and

THEREFORE, BE IT RESOLVED that the Warren County Mosquito Extermination Commission approves of the 2024 Proposed Budget; and

THEREFORE, BE IT FURTHER RESOLVED that the 2024 Proposed Budget will be submitted to Warren County Board of County Commissioners for its approval.

RESOLUTION 2023-19
Resolution Approving the 2024 Plans & Estimates

On a motion by Douglas Roscoe, seconded by Eileen Greason, the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held October 19, 2023.

WHEREAS, in compliance with New Jersey Statute 26:9-22, the Warren County Mosquito Extermination Commission annually develops a Plans and Estimates document for the upcoming year and submits it to the Director of the New Jersey Agricultural Experiment Station; and

WHEREAS, the Warren County Mosquito Extermination Commission follows the outline established through the Associated Executives of Mosquito Control Work in New Jersey (NJMCA Annual Meeting Proceedings, 1999, pages 53, 59-61) to standardize submissions from the counties; and


E. Greason

WHEREAS, the Warren County Mosquito Extermination Commission, reviewed the 2024 Plans and Estimates prior to the October 19, 2023 regular meeting; and

THEREFORE, BE IT RESOLVED that the Warren County Mosquito Extermination Commission approves of the 2024 Plans and Estimates; and

THEREFORE, BE IT FURTHER RESOLVED that the 2024 Plans and Estimates will be submitted to the current Executive Director of the NJ Agricultural Experiment Station, Laura Lawson, for her review and comments.

With no further business to discuss, the meeting was adjourned at 9:38 am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, November 16, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:19AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	YES (remote)
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	YES (remote)
Dr. Roscoe	YES (remote)
Mr. Summers	YES (remote)
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener, Recording Secretary Christine Fisher.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

The Commission Holiday Breakfast will be held after the next meeting on December 21, 2023.

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with minutes from the October 19, 2023, meeting. Also, the minutes from the Executive Session were handed out at the meeting. He asked if there were any corrections or modifications to either set of minutes. Two corrections were noted in the regular minutes. Commissioner Eriksen made a motion to approve both sets of meeting minutes with corrections. Commissioner Greason seconded the motion and the motion carried with Commissioner Cooke-Gibbs abstaining.

PUBLIC COMMENTS


E. Greason

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the October 31, 2023, Budget & Treasurer's Reports were presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns regarding the Budget & Treasurer's Reports. There being none, Commissioner Greason made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion carried.

SUPERINTENDENT'S REPORT

The 2024 budget request was forwarded to the Board of County Commissioners. The 2024 Plans & Estimates was forwarded to the director of the NJ Agricultural Experiment Station in accordance with N.J.S.A. 26:9 and copies were sent to Dina Fonseca, Rutgers Entomology Chair, and John Sarnas, SMCC Chair, as requested. The concept of operations and policy for the use of unmanned aerial systems continues to be worked on. An email was sent to Pesticide Control at NJDEP asking for clarification on the use of UAS in mosquito control; they stated a formal response was forthcoming. The Civil Service Commission initiated a payroll and personnel audit. Personnel records in CAMPS, the online entry system, are being reviewed. Ms. Gruener was not available on the date of the scheduled site visit, so the Civil Service representative decided a remote TEAMS meeting would be scheduled. The last remaining seasonal employee, Ms. Bell, was separated from employment on October 19th. Ms. Gruener is preparing to take the Qualified Purchasing Agent exam in December.

The Oxford rain gauge recorded 1.49 inches of precipitation which was below the 10-year average. Also, the average temperature for the month of October was 2.8 degrees warmer than the 30-year mean. The surveillance season has come to an end for 2023 and NJ Light Traps were brought in from the field on October 16, 2023. Stink water barrels have been emptied and cleaned. Batteries have been tested and faulty batteries have been removed from rotation. ULV sprayers have been removed from the trucks and winterized. The lock boxes on the back of each truck have been emptied and cleaned.

The signed Right of Entry was received from Allamuchy Township for the ditch maintenance project at Freeborn Lane. The biologist from the SMCC inspected and the project has been given the go-ahead. The project would have to be completed as soon as possible, before the turtles go into hibernation. Tires were collected from the Morris Canal Trail in Washington Township. The access roads in Cat Swamp, Oxford, were regraded and brush clearing was completed.

The State Mosquito Control Commission purchased composite mats to be used with SMCC owned excavators. A pair was purchased for use with the SMCC leased Kobelco. The mats were picked up in Salem County (along with the mats for delivery to the Charles O. Hayford Hatchery). Staff have been considering relinquishing the John Deere bulldozer to SMCC for use at the Hatchery. Previously, the commission had asked SMCC for a newer, larger bulldozer that would be much more useful to the water management program. However, it seems unlikely this request will come to fruition and it seems more practical at this time to ask the SMCC for a aerial lift truck, which would suit the UAS program needs.

Ms. Fisher shared a post regarding tick bite awareness through County and Municipal websites and social media. Ms. Giordano, Mr. Hagerty and Mr. Necina continued tick surveillance at established sites in the County; several submissions have been sent to PHEL for testing through Hunterdon County's courier.

Mapping software for UAS has been tested and narrowed down to two due to pricing and ease of use; Pix4D and Drone Deploy. Raw data and processed data were compared to flight size to calculate data storage needs based on a 5-year record retention period. Mr. Hagerty is studying for his category 11 (Aerial) pesticide license; both he and Mr. Necina will be fully licensed for UAS treatments when the time arrives.

The powertilt on the Kobelco excavator was leaking; it was removed and taken to A&S Hydraulics for repairs. The dump truck was taken to Allegiant International for repairs after the DEF sensor went


E. Greason

awry. This is the second time this sensor was replaced but is covered under warranty. The SMCC equipment inspection was conducted on November 8, 2023.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-11 (Resolution 2023-20) was presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns. There being none, Commissioner Eriksen made a motion to approve master voucher M2023-11 (Resolution 2023-20) in the amount of \$47,447.16. The motion was seconded by Commissioner Greason and the motion carried.

COMMUNICATION

- A. Giordano to 2023 NJ Light Trap Cooperators re: End of season, NJ Light Trap pick up
- J. Gruener to NJ Senators and Assemblymen re: Support of Senate Bill 4038 & Assembly Bill 5657
- J. Gruener to L. Lawson, NJ Ag Experiment Station re: 2024 Plans & Estimates
- L. Zukoski, Warren County to J. Gruener re: Cleaning Contract
- C. Musa to J. Gruener re: New Lyme Disease vaccine
- J. Gruener to J. Gallo, Polaris Galaxy, to & fro re: Drone and Bucket Truck Insurance Coverage
- T. Johnston, NJ Div. of Local Government Services to J. Gruener re: GovConnect Enrollment
- A. Angelus, OMCC to S. Oliphant, to & fro re: EmTek Equipment mats
- S. Oliphant to A. Angelus, OMCC, to & fro re: Emergency repairs to Kobelco
- J. Gruener to WC Board of County Commissioners re: 2024 Budget request
- C. Musa to J. Gruener, D. Davis, WC Personnel re: Medicare coverage question
- R. Serra to J. Gruener re: Confirmed receipt of 2024 Plans & Estimates
- J. Gruener to H. Ezze & M. McConville, NJDEP, Pesticide Control Program re: UAS applications for mosquito control
- S. Cardone, Civil Service Commission to J. Gruener re: Personnel & Payroll Audit
- S. Oliphant to M. Tropiano, NJDEP re: Freeborn Lane ditch maintenance
- A. Angelus, OMCC to S. Oliphant, to & fro re: Freeborn Lane ditch maintenance
- D. Davis, WC Personnel to J. Gruener to K. Francisco, WC CFO re: Retiree dental question
- D. Davis, WC Personnel to J. Gruener re: Open enrollment

UNFINISHED BUSINESS

NEW BUSINESS

27 Pay Year-2024

Ms. Gruener stated that 2024 will be a 27 pay year. This occurs every 5 – 12 years because of how the commission pays its employees. A full-time employee's annual salary is divided by the number of pays in the year, which is normally 26. This can be handled in several different ways. The easiest way is to change the pay day, which has been done in the past. This option is not available in 2024 because moving the current Monday pay day forward to Wednesday would extend the gap between the last day of the pay period and the pay date beyond the legal limit of 10 days. Legal counsel has advised the pay day can be changed but not the pay period. Another option is to divide the employee's annual salary for 2024 by 27 instead of 26 – in this option the employee's annual salary does not change but the gross amount on the employee's bi-weekly check decreases. This option has been used in the past but was a detriment to employee morale at the time and would likely be again. Another option is to change to bi-monthly pay of the 1st and 15th however, this would only work for the permanent employees and the seasonal employees would then need a separate pay period for processing. The final option is to give an extra full pay for the


E. Greason

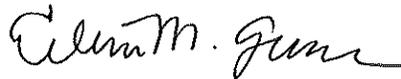
year, this would allow the employee's bi-weekly gross pay to remain the same as it was in 2023 but would effectively increase the employee's annual salary by 3.84%. This compensation could be incorporated into next year's annual cost of living increases. Also, this would close the gap and allow the pay day to be moved back in subsequent years. After some discussion, Chairman Burke made a motion to give an extra full pay for the year to cover the 27th pay, thus increasing the full-time employee annual salary by 3.84%. The motion was seconded by Commissioner Roscoe with all in favor.

RESOLUTIONS

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:18am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer

The Warren County Mosquito Extermination Commission held a regular meeting on Thursday, December 21, 2023, in person at the office of the Warren County Mosquito Extermination Commission, 2 Furnace Street, Oxford, New Jersey with remote attendance available through *GoToMeeting*. This meeting was held in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975.

Chairman Burke called the meeting to order at 8:17AM.

ROLL CALL OF COMMISSIONERS

Mr. Burke, Chairman	YES
Mr. Eriksen, Vice-Chairman	NO
Ms. Greason, Secretary/Treasurer	YES
Ms. Cooke-Gibbs	YES
Dr. Roscoe	YES
Mr. Summers	YES (remote)
Ms. Ciesla, County Commissioner	NO

The following staff members attended this regular meeting: Superintendent Jennifer Gruener.

SALUTE TO THE FLAG

OPEN PUBLIC MEETING NOTICE

Chairman Burke: Adequate notice of this meeting was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Warren County Mosquito Commission to the Warren County Clerk, the Warren County Board of Commissioners, The Star Ledger, The Express Times, and by posting a copy thereof on the bulletin board in the office of the Board of Commissioners and the Mosquito Commission. Formal action may be taken by the Warren County Mosquito Commission at this meeting. The meeting was announced to include a link and a phone number to join the meeting remotely using a phone, computer, tablet, or smartphone, as well as to attend in person. Public participation is encouraged. In order to assure full public participation, those individuals with disabilities who wish to attend the meetings were advised to submit any requests for special accommodation one week in advance.

ANNOUNCEMENTS

Ms. Gruener announced that the Commission Holiday Breakfast will be held after the meeting.

APPROVAL OF MINUTES

Chairman Burke stated the Commissioners were provided with minutes from the November 16, 2023, meeting. He asked if there were any corrections or modifications to the minutes. One correction was noted. Commissioner Cooke-Gibbs made a motion to approve the November 16, 2023, minutes with the correction. Commissioner Greason seconded the motion and the motion carried.

PUBLIC COMMENTS

SECRETARY/TREASURER'S REPORTS

Chairman Burke noted the November 30, 2023, Budget & Treasurer's Reports were presented at the meeting for approval. Chairman Burke asked if there were any questions or concerns regarding the Budget & Treasurer's Reports. There being none, Commissioner Gibbs made a motion to approve the Budget & Treasurer's Reports. The motion was seconded by Commissioner Roscoe and the motion


E. Greason

carried. Three budget transfers were presented, Commissioner Greason made a motion to approve the budget transfers and Commissioner Gibbs seconded the motion. Motion carried.

SUPERINTENDENT'S REPORT

The 2024 Aerial Larviciding Bid package was reviewed and updated and has been reviewed by the attorney; it will be discussed under New Business. The Teams Meeting with Susan Cardone from the Civil Service Commission, originally scheduled for December 19, 2023, was rescheduled for January 9, 2024. Staff have been working on the 2023 Annual Report. The annual pesticide records and letters were sent to the affected school districts in compliance with the School IPM Act. Cyber and ransomware insurance applications were completed and submitted to the NJIIF. Staff had the opportunity to change medical/dental plans during the Open Enrollment period with the County, which seemed to have gone smoothly with both active and retired employees. Mrs. Gruener sat for the Qualified Purchaser Exam given at the Thomas Edison University in Trenton yesterday. Results should not be expected until after February 21, 2024!

November was relatively dry with 3.18 inches of precipitation, which was slightly below the 10-year average for the Oxford gauge. The highest amount in the last 10 years occurred in 2018 and was recorded at 9.13 inches; whereas the lowest amount in the last 10 years occurred in 2021 and was recorded as 1.36 inches. The state climatologist reported the average precipitation across the state this past November was 2.68 inches, which was 0.68 inches below the 30-year normal. The statewide temperature averaged 43.2°F. All mosquito specimens from all NJLT collections have now been identified to species and entered in the VectorSurv database. There were a few high trap count CDC trap collections from the summer that were previously estimated or subsampled for immediate control decisions, but they have now all been identified and entered in VectorSurv as well. Some of those traps had over 1,000 specimens.

The ditch maintenance project at Freeborn Lane in Allamuchy has been delayed due to a lack of response from NJDEP Land Use following clearance from the Office of Mosquito Control. Several stream blockages have been located and inspections are being conducted to determine feasibility and approach. Several previous water management projects were backchecked: the beaver dam at Johnsonburg Camp in Frelinghuysen; Copperfield Ditch in Franklin; and the detention basin at Antler Way in White Township. Chainsaw blades were all sharpened.

Larval routes are being revised and sites reviewed. Fall tick surveillance has concluded and all tick specimens have been identified, pooled, and submitted to PHEL for pathogen testing. All fall collections were *Ix.scapularis*.

Numerous meetings and on-line training courses were attended. As we head into the off-season, online training will continue to be taken advantage of.

PRESENTATION OF BILLS

Chairman Burke noted that master voucher M2023-12 (Resolution 2023-21) was presented at the meeting for approval. It was noted that the Master Voucher was numbered incorrectly on the agenda; however, it had the correct number on the Resolution. Chairman Burke asked if there were any questions or concerns. There being none, Commissioner Roscoe made a motion to approve master voucher M2023-12 (Resolution 2023-21) in the amount of \$41,556.14. The motion was seconded by Commissioner Greason and the motion carried.

COMMUNICATION

- J. Gruener to S. Crans, Secretary SMCC, re: Surrender John Deere Bulldozer
- A. Angelus, OMCC, to J. Gruener, re: SMCC Equipment Inspection Follow Up


E. Greason

- E-Gov, Department of Community Affairs (DCA), to J. Gruener, re: GovConnect Registration Completed
- S. Crans, Administrator OMCC, to J. Gruener, re: Senate Bill 4109 & Assembly Bill 5788
- J. Gruener to IPM Coordinators at Liberty Learning Center, Warren Hills Regional High School, Port Colden Elementary School, North Warren Regional High School, Great Meadows Regional School District, Blairstown Township School, and Blair Academy, re: Record of Insecticide Applications for calendar year 2023
- DCA, Division of Local Government Services, Certification Unit to J. Gruener, Re: QPA Exam Acceptance
- Susan Cardone, Civil Service Commission, to J. Gruener, re: NC-C Expanded Title Scopes
- S. Crans, Secretary SMCC, to J. Gruener, re: Fact Sheet Gloucester Towns
- L. Crescitelli, Chief of Staff to Assemblymen Parker Space & Harold Wirths, to J. Gruener, re: Parker Space Second Prime Sponsor on A5657

UNFINISHED BUSINESS

NEW BUSINESS

2024 Aerial Larviciding Bid Package

The 2024 Aerial Bid Package was presented with an updated Notice to Bidders with bid opening scheduled for February 6, 2024. The bid package has been reviewed and updated to comply with current requirements and all has been reviewed by the Commission attorney. Chairman Burke asked if there were any questions, there being none, Commissioner Greason made a motion to approve the 2024 Aerial Application Bid Specifications with Resolution 2023-22. Commissioner Gibbs seconded the motion and the motion carried.

Draft 2024 Meeting Schedule

The draft 2024 meeting schedule was included in the commissioner meeting packet for informational purposes and will be up for approval at the January reorganizational meeting. Ms. Gruener noted that the March meeting date was moved up one week to March 14, 2024, to avoid a conflict with the NJMCA annual meeting scheduled for March 20-22, 2024. No further comments were made.

RESOLUTIONS

RESOLUTION 2023-22

Approval of 2024 Aerial Application Bid Specifications and Authorization to Advertise for Bids for Aerial Application of Larvicides

On a motion by Eileen Greason, seconded by Cristianna Cooke-Gibbs the following resolution was adopted by the Mosquito Extermination Commission of the County of Warren at a meeting held December 21, 2023.

WHEREAS the Warren County Mosquito Extermination Commission requires the services of an aerial applicator to provide aerial larviciding to large tracts of mosquito habitat that are too large to efficiently treat with ground-based equipment; and


E. Greason

WHEREAS, the Warren County Mosquito Extermination Commission needs to solicit formal bids, for the aforementioned services, in accordance with the New Jersey Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq.; and

THEREFORE, BE IT RESOLVED that bid specification for the aerial application of larvicides for 2023 for Warren County Mosquito Extermination Commission is hereby approved.

THEREFORE, BE IT FURTHER RESOLVED that the Superintendent is hereby authorized to advertise for bids for the above in the Star Ledger.

EXECUTIVE SESSION

With no further business to discuss, the meeting was adjourned at 9:02 am.

Respectfully Submitted,



Eileen M. Greason,
Secretary/Treasurer