



# MOSQUITO ABATEMENT DISTRICT

## ST. TAMMANY PARISH

## BOARD OF COMMISSIONERS

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David C. Stuart	Chairman
Dr. Peter J. Gerone	Secretary - Treasurer
Anthony Alfred	Commissioner
Dr. Andrew J. Englande Jr.	Commissioner
Dr. Vicki Traina-Dorge	Commissioner

### DIRECTOR

Kevin A. Caillouet, Ph.D., M.S.P.H.

## MINUTES

### Board of Commissioners Meeting July 18, 2018

#### OPEN

The meeting of the Board of Commissioners, St. Tammany Parish Mosquito Abatement District, was called to order at 12:57pm by Chairman David Stuart, in the District office at 62512 Airport Road, Building 23, Slidell, Louisiana.

Present were Mr. Anthony Alfred, Dr. A.J. Englande, Jr., Dr. Peter Gerone, Mr. David Stuart, and Dr. Vicki Traina-Dorge, Commissioners; Dr. Ron Francis, Dr. Bob Lowrie, and Dr. Dawn Wesson, Advisors; Mr. Jake Abdalla, Legal Counsel; Dr. Kevin Caillouet, Director; and Mr. Calvin Smotherman, Assistant Director. Guests included Mr. Ben Smith, Supervisor of Aerial Operations and Mr. Nick DeLisi, Entomologist.

#### PUBLIC COMMENT PERIOD

Chairman Stuart opened the floor for public comment. There was no public present.

#### MINUTES

The minutes from the June 20, 2018 meeting were presented. The minutes were approved on a motion by Commissioner Alfred. Commissioner Traina-Dorge seconded the motion. Carried.

#### REVIEW OF TREASURER'S REPORT AND CREDIT CARD PURCHASES

The Treasurer's Report was presented and discussed by the Director. Commissioner Alfred reviewed the June credit card purchases before the meeting began. All credit card accounts were confirmed as accurate. (Appendix 1)

Commissioner Gerone moved to accept the Treasurer's Report and credit card reconciliation. Commissioner Englande seconded the motion. Carried.

#### 2017 LOUISIANA LEGISLATIVE AUDITOR REPORT

Director Caillouet stated that Louisiana Legislative Auditor had not yet issued the Advisory Services Procedural Report for the 2017 enhanced audit.

### **AERIAL OPERATIONS UPDATE**

**Islander Repairs** - Supervisor of Aerial Operations Ben Smith reported that the left engine exhaust collector was removed for replacement and the sheet metal repairs are nearing completion. The Islander aircraft should be fully operational within the next thirty days.

Mr. Smith stated that the Twin Otter's Wingman GPS Spray Management system is not functioning at an acceptable level. As a result, he is researching Adapco's Wingman Skytracker Mission Management program and AG-NAV's GPS Precision Navigation system.

**Helicopter Proposal** - Chief Pilot Smith has been exploring the advantages of acquiring either an Airbus or Bell helicopter. Benefits include precise targeted marsh, residential and floodwater larvicide applications; smaller aerial adulticide spray zone applications; arbovirus response treatments; aerial adulticide backup; and outside contracting services. The purchase cost would be approximately \$3.5M. He reviewed seven-year ownership expenses, fixed maintenance, and hourly operational costs. Discussion followed.

**Personnel Update** - Mr. Smith informed the Board that he would be resigning at the end of August or shortly afterwards.

### **EPA/LPBF GRANT: CORRELATING MOSQUITO AND FISH PRESENCE WITH WATER QUALITY**

Entomologist Nick DeLisi reviewed the septic remediation project, in collaboration with the Lake Pontchartrain Basin Foundation. Taxonomist Lisa Rowley and summer interns Evan Davies and Andrew Harper collected water quality data, surveyed mosquito and fish presence, measured water parameters, and uploaded digitally recorded measurements to the Cloud. The pilot water quality trials indicate mosquitoes are less likely to be found in the presence of fish. Similarly, fish are more likely to be found in water containing high dissolved oxygen and low total dissolved solids. Preliminary results indicate septic remediation may not be a factor impacting fish or mosquito presence. Commissioner Englande suggested recording rainfall events to learn ditch water dilution in proportion to rain.

### **MOSQUITO PRODUCTION AT PACKAGE SEWAGE TREATMENT PLANTS**

Director Caillouet reported that sewage treatment plant operators do not receive formal training on the effects of water quality and mosquito breeding. The District is working to provide the following resources for sewage operators: (1) a list of larvicides and labeled use, (2) a utility provider database, (3) a recorded presentation for wide dissemination, and (4) trapping, inspection, and treatment processes. Commissioner Englande mentioned that the Lake Pontchartrain Basin Foundation currently educates sewage operators and recommended coordinating with them.

### **PUSH STPMAD LOGO DESIGN**

The Director reported that PUSH Marketing is redesigning the District's logo. He presented three options for the new logo. The Board favored option two.

### **ASSIGNED FUNDS PLAN**

Director Caillouet asked the Board to again consider the Committed & Assigned Funds Plan (2018-2020). Proposed assigned funds include office renovations and campus expansion, larval habitat mapping study, adulticide/larvicide helicopter, larvicide fleet replacement, LIDAR imaging, BG Counter traps and a GIS analyst. (Appendix 2)

He presented a subsequent proposal from architect Paul Dimitrios to prepare a detailed conceptual design of the proposed facility expansion, for a cost of \$8,200. Discussion followed. Commissioner Englande moved to engage the services of Mr. Dimitrios to produce comprehensive campus renovation plans for \$8,200. Commissioner Gerone seconded the motion. Carried.

### **WORK-RELATED INJURY DRUG TESTING**

The Director asked the Board to reconsider the Louisiana Workers Compensation Corporation's request to implement mandatory drug testing for work-related injuries. If testing reveals that an employee is substance-use impaired, LWCC can deny payment for the claim. Discussion followed.

Commissioner Gerone moved that employees involved in traffic accidents will be subject to post-accident mandatory drug testing. He further moved that at the discretion of the Director or his designee, drug testing may also be imposed for any other work related accident or injury. Commissioner Traina-Dorge seconded the motion. Carried.

### **ST. TAMMANY PARISH GOVERNMENT BUDGET STREAMLINING PROPOSAL**

Director Caillouet proposed contracting professional and technical services from St. Tammany Parish Government for Information Technology (IT), Geographic Information Systems (GIS), Accounting, Software, and Human Resources. The Director stated that contracting parish government services could be mutually beneficial and access multiple skills sets for specific tasks. He noted that District jobs would remain secure. He plans to meet with Parish President Pat Brister to discuss intergovernmental contract services. The Board concurred.

### **PUBLIC RECORDS REQUEST**

Director Caillouet stated that Fox 8 reviewed the requested public records on June 22. They chose not to disclose information about their inquiry to the Director.

### **BOARD APPROVALS**

#### **Travel**

None

#### **Contracts**

- **Paul Dimitrios - RCL Architecture**  
(See Assigned Funds Plan)

**MOSQUITO CONTROL REPORT**

Assistant Director Calvin Smotherman presented the mosquito control report. This season aerial adulticide operations treated 466,492 acres and ground ULV adulticiding operations sprayed approximately 577,985 acres. In addition, 1,974 acres of septic ditches were larvicided for the control of *Culex quinquefasciatus*.

Thirty-six mosquito pools (1.7%) returned positive from the Louisiana Animal Disease Diagnostic Lab, out of 2,151 submitted for arbovirus testing. One human case of WNV (NID) was reported from the Department of Health & Human Services. Increased aerial and ground adulticide operations, and ground larvicide/granular treatments were employed, particularly in the zone associated with the human case.

**ADJOURN**

There being no further business, Commissioner Gerone moved to adjourn the meeting at 3:15pm. Commissioner Alfred seconded the motion. The motion carried.

Respectfully submitted,



Dr. Peter J. Gerone  
Secretary/Treasurer

**Appendices:**

1. Credit Card Purchases Review Statement
2. Committed & Assigned Funds Plan (2018-2020)