

BOARD PACKET

MARCH 21ST , 2019



ED BRANTLEY, CHAIRMAN
BRUCE C. SCOTT, VICE CHAIRMAN
BRIAN F. FARRAR, SECRETARY-TREASURER
THOMAS B. HART
GEORGE T. MANN, JR
STEPHEN R. BOWEN
W. MICHEAL ELLIS

LEE COUNTY MOSQUITO/HYACINTH CONTROL DISTRICTS

REGULAR MEETING

March 21, 2019

AGENDA

* * * * *

Call to Order- Chairman Brantley will call the meeting to order

Public Comments- Chairman Brantley

Minutes Approval- Chairman Brantley

Lee County Health Department Report- Jennifer Roth, Director of Epidemiology will provide an update on vector borne disease activity in Lee County

Agenda Item Report Topics

- Completion of Embry-Riddle spray tank project

Director's Report- Director Hoel will provide an update on recent activities at the Districts

- Facilities and activities update
- Aircraft inventory update
- Health Insurance Renewal
- Consent agenda

Financial Report- Commissioner Farrar will review the financial reports with the Board

Adjourn

Regular Meeting Minutes

February 21st, 2019

Commissioner Brantley called to order the regular scheduled meeting of the Lee County Mosquito/Hyacinth Control Districts (LCMCD/LCHCD) on February 21st, 2019 at 10:00 a.m. in the William Opp Training Center at District headquarters, 15191 Homestead Road, Lehigh Acres, Florida.

PRESENT:

Seat 1- Commissioner Ed Brantley, Chair
Seat 2- Commissioner Brian Farrar, Secretary/Treasurer
Seat 3- Commissioner Mike Ellis
Seat 4- Commissioner Steve Bowen
Seat 5- Commissioner George T. Mann, Jr.
Seat 6- Commissioner T. Hart
Seat 7- Commissioner Bruce Scott

Legal Counsel – Not Present

STAFF:

Executive Director- Dr. David Hoel
Chief Financial Officer- Russ Baker
Deputy Director, PIO- Eric Jackson
Executive Administrative Assistant- Summer De La Cruz

Public Information Assistant- Jamie Fowler
HR Director- Jackie Small
Aircraft Mechanic- Al Bennett
Deputy Director, Lee County Hyacinth Control District- Kevin Watt

VISITORS: None Present

PUBLIC COMMENTS:

The following citizens addressed the Board:
No one present

MINUTES APPROVAL:

Commissioner Brantley requested board approval for the month of January 21st, 2019 meeting minutes. Commissioner Farrar moved to approve the January 21st, 2019 meeting minutes. Commissioner Bowen seconded the motion to approve the minutes as presented. The board unanimously approved.

LEE COUNTY HEALTH DEPARTMENT REPORTS: Jennifer Roth, Director of Epidemiology

For the Lee County Health Department reported minimal Eastern Equine encephalitis virus and West Nile Virus activity in the sentinel chickens in the northern part of the state. A few counties have advisories and alerts, most of the advisory alerts were issued at the end of 2018. There has not been any increased activity of EEE or West Nile nor any travel cases of Zika or Dengue. Overall it has been very quiet beginning of 2019.

EXECUTIVE DIRECTOR POSITION: HR Director- Jackie Small brief the LCMHCD board on the Districts Executive Director recruiting process. The position was posted on or about November 21, 2018, on the following websites:

- Mosquito Control District
- Hyacinth Control District
- American Mosquito Control Association
- Florida Mosquito Control Association
- Florida Association of Special Districts

Our goal was to post the position to websites that would attract the most qualified candidates.

The position was posted for 60 days, with the posting expiring on January 20, 2019. During that time we had four (4) candidates apply, all of whom met the minimum qualifications for the position. An email was sent to each Commissioner's District email address with the resumes of the four candidates. We are now at the point in the process to schedule and conduct interviews for the position.

It is staff's recommendation that we schedule interviews at least 30 days into the future, allowing time for candidates outside the local area to plan for travel and for public notice of the scheduled interviews.

*Commissioner Brantley moved for a motion to set the interview date for **March 21st, 2019 @ 1 p.m.** after the regular board meeting, Commissioner Farrar made the motion, Commissioner Hart seconded. The board approved unanimously.*

AGENDA ITEM REPORT TOPICS: CFO Russ Baker-

Surplus:

Declare the attached schedule of assets that are no longer used in operations and are considered to be beyond economical repair as surplus.

Lee County Mosquito Control District							
District Property to be Declared Surplus							
February 21, 2019							
Category	Asset #	Property Description	Date Acquired	Cost at Acquisition	Condition	Estimated Fair Value	
TOL	0140T0	GENERATOR, CATERPILLAR, 100KW	9/30/2003	\$ 4,900.00	Good	\$ 6,500.00	
TOL	1146T0	GENERATOR, 1980, CUMMINS AUXILIARY, 500KW	11/14/2005	\$ 67,118.00	Good	\$ 25,000.00	
HEQ	0076H0	ASPHALT MELTER/APPLICATOR, CRAFCO	2/7/2002	\$ 33,486.50	Good	\$ 12,000.00	
TOL	0130T0	AIR COMPRESSOR, EMGLO, TRAILER MOUNTED, 16HP	3/10/2005	\$ 4,475.00	Fair	\$ 500.00	
TOL	0101T0	GENERATOR, HOLGAR, SKID MOUNT	12/13/1984	\$ 2,125.50	Poor	\$ 2,500.00	
HEQ	0926H0	TRENCHER (DIGGER), DITCH WITCH, 1985	1/13/2000	\$ 7,500.00	Fair	\$ 5,000.00	
HEQ	0089H0	ROLLER, MOTORIZED, DIESEL	1/9/2003	\$ 1,000.00	Fair	\$ 1,000.00	
HEQ	0912H0	EXCAVATOR, 1987, LEIBHERR 932, W/BACKHOE&DIG BUCKET	5/6/1999	\$ 10,000.00	Fair	\$ 25,000.00	(new engine)
HEQ	0957H0	FRONT END LOADER, JI CASE, ROUGH TERRAIN, 1989	6/27/2012	\$ 5,000.00	Fair	\$ 5,000.00	
TOL	0125T0	LAWN-MOWER/VACUUM, BILLY COAT	5/8/2003	\$ 1,186.39	Fair	\$ 200.00	
VEH	0067V0	VEH-DUMP TRUCK, FORD 1983 #67	12/8/2005	\$ 4,000.00	Fair	\$ 4,000.00	
VEH	0055V0	VEH-VAN, STEP, CHEVROLET 1981 #55	8/6/1992	\$ 1,400.00	Poor	\$ 800.00	
VEH	0101V0	VEH-PICKUP TRUCK, CHEVROLET 2007 #101, SILVERADO	2/8/2007	\$ 20,015.00	Poor	\$ 2,000.00	
VEH	0015V0	VEH-PICKUP TRUCK, CHEVROLET 2001 #15	1/12/2001	\$ 17,671.00	Fair	\$ 2,500.00	
The above assets are presented to the Board of Commissioners to approve for Disposal in accordance with District Policy.							
Approved: _____ Date: _____							

Commissioner Brantley requested board approval for LCMCD to declare surplus on governmental property. Commissioner Farrar moved to approve surplus property. Commissioner Ellis seconded the motion to approve surplus property. The board unanimously approved.

Annual price agreements for adulticides and laravacides for LCMCD:

Award and authorize the expenditure of funds for the Annual Price Agreement(s) for adulticide and larvicide Chemicals. 1TB NO. 19-101. This action will allow the Purchasing Manager to order adulticide and larvicide chemicals as needed, when needed over the term of the agreement - January 1, 2019 through December 31, 2019.

A. ADULTICIDES				ADAPCO		CLARKE		UNIVAR	
Item	Est Qty	UOM	Description	Unit Cost	Ext Cost	Unit Cost	Ext Cost	Unit Cost	Ext Cost
1	60	GAL	Deltagard	\$ 196.94	\$ 11,816.40	NO BID		NO BID	
	6,000	GAL	Dibrom Concentrate (ea order < 120 gal)	\$ 224.81	\$ 1,348,860.00	NO BID		NO BID	
2		GAL	Dibrom Concentrate (ea order > 120 gal)	\$ 222.43	\$ -	NO BID		NO BID	
3	2,860	GAL	Fyfanon ULV Mosquito (55 gal drum)	\$ 57.13	\$ 163,391.80	NO BID		\$ 57.13	\$ 163,391.80
			Fyfanon ULV Mosquito (260 gal tote)	\$ 53.89	\$ -	NO BID		\$ 53.89	\$ -
4	1,560	GAL	Kronrol 30-30 (275 gal tote)		\$ -		\$ 56.85		\$ 88,686.00
B. LARVACIDES									
Item	Est Qty	UOM	Description	Unit Cost	Ext Cost	Unit Cost	Ext Cost	Unit Cost	Ext Cost
1	100	GAL	Altosid Liquid Larvicide Concentrate (2.5 gal container)	NO BID		\$ 940.96	\$ 94,096.00	**	**
2	4,000	LBS	Altosid SBG II Granule (40 lb bags)	NO BID		\$ 3.21	\$ 12,840.00	**	**
3	5	CS	Altosid XR Briquet (220/case)	NO BID		\$ 752.40	\$ 3,762.00	**	**
4	2,000	LBS	Altoside XR-G Granule (40 lb bags)	NO BID		\$ 8.75	\$ 17,500.00	\$ 8.75	\$ 17,500.00
5	3,200	LBS	Bacillus Sphaericus Granule (40 lb bags)	\$ 5.59	\$ 17,888.00	NO BID		\$ 5.40	\$ 17,280.00
6	10	CS	Bacillus Sphaericus Water Soluable Pouches (800/case)	\$ 798.00	\$ 7,980.00	NO BID		\$ 757.00	\$ 7,570.00
7	48,000	LBS	Bacillus Thuringiensis Israelensis (BTI) Granule (40 lb bag)	\$ 1.54	\$ 73,920.00	NO BID		\$ 1.49	\$ 71,520.00
8	8,000	LBS	MetaLarv S-PT (40 lb bag)	\$ 28.45	\$ 227,600.00				NO BID
9	3,200	LBS	Natular G (40 lb bag)	NO BID		\$ 5.99	\$ 19,168.00		NO BID
10	16,000	LBS	Natular G30 (40 lb bag)	NO BID		\$ 15.69	\$ 251,040.00		NO BID
11	300	GAL	VectoBac 12AS Liquid (2.5 gal container)	\$ 30.20	\$ 9,060.00	NO BID			\$ -
			VectoBac 12AS Liquid (30 gal container)	\$ 29.90	\$ -	NO BID			\$ -
* does not meet specifications									
** vendor had to withdraw bid due to a material mistake (bid 2018 agency set prices)									
bold prices are agency set									
RECOMMENDED AWARD				\$ 1,760,728.20		\$ 398,406.00		\$ 365,947.80	
TOTAL ANNUAL ESTIMATE								\$ 2,525,082.00	
CONTINGENCY (if needed)								\$ 300,000.00	

Commissioner Brantley moved for a motion to approve the annual price agreement for LCMCD, Commissioner Scott made the motion, Commissioner Ellis seconded. The board approved unanimously.

Regular Meeting Minutes

February 21st, 2019

Annual price agreements for aquatic herbicides for LCHCD:

Award and authorize the expenditure of funds for the Annual Price Agreement(s) for Aquatic Herbicides, 1TB No. 19-102. This action will allow the Purchasing Manager to order aquatic herbicides for the Hyacinth District as needed, when needed over the term of the agreement - January 1, 2019 - December 31, 2019.

A. AQUATIC HERBICIDES				NUTRIEN		ALLIGARE		HELENA	
Item	Est Qty	UOM	Description	Unit Cost	Ext Cost	Unit Cost	Ext Cost	Unit Cost	Ext Cost
1	200	QT	Carfentrazone-Ethyl (21.3% aquatic herbicide)	\$ 156.20	\$ 31,240.00	NO BID		\$ 153.14	\$ 30,628.00
	50	GAL	Carfentrazone-Ethyl (21.3% aquatic herbicide)		NO BID		NO BID		NO BID
2	825	GAL	Copper Ethylenediamine Complex (ea order 2.5 gal)	\$ 29.60	\$ 24,420.00	NO BID		\$ 29.02	\$ 23,941.50
			Copper Ethylenediamine Complex (ea order 275 gal tote)	\$ 23.29	\$ -	NO BID		\$ 22.39	\$ -
3	1,375	GAL	Cutrine Plus (ea order 2.5 gal)	\$ 15.08	\$ 20,735.00	\$ 13.90	\$ 19,112.50	\$ 15.50	\$ 21,312.50
			Cutrine Plus (ea order 275 gal tote)	\$ 14.48	\$ -	\$ 13.50	\$ -		NO BID
4	720	GAL	Diquat Dibromide (2.5 gal)	\$ 41.80	\$ 30,096.00	\$ 39.90	\$ 28,728.00	\$ 40.10	\$ 28,872.00
5	25	GAL	Flumioxazin (1 gal)	\$ 690.00	\$ 17,250.00	NO BID		82.00/lb	
6	500	GAL	Glyphosate (2.5 gal)	\$ 16.00	\$ 8,000.00	\$ 15.40	\$ 7,700.00	\$ 16.50	\$ 8,250.00
7	200	LBS	Komeen Crystal (20 lb bags)	\$ 12.14	\$ 2,428.00	NO BID		\$ 11.78	\$ 2,356.00
8	500	GAL	Lovert Inverting Oil (2.5 gal)	\$ 16.49	\$ 8,245.00	NO BID		\$ 16.42	\$ 8,210.00
9	50	GAL	Imazamox (1 gal)	\$ 276.54	\$ 13,827.00	\$ 233.00	\$ 11,650.00	\$ 276.54	\$ 13,827.00
10	50	GAL	Breeze (Nonionic) (2.5 gal)		NO BID		NO BID		*
* does not meet specifications									
RECOMMENDED AWARD				\$	17,250.00	\$	67,190.50	\$	65,135.50
TOTAL ANNUAL ESTIMATE									\$ 149,576.00

Commissioner Brantley moved for a motion to approve the annual price agreement for LCHCD, Commissioner Ellis made the motion, Commissioner Bowen seconded. The board approved unanimously.

Annual price agreement for gasoline and diesel for LCMHCD:

Award and authorize the expenditure of funds for the Annual Price Agreement for Gasoline and Diesel Fuel, 1TB No. 19-103. This action will allow the Purchasing Manager to order gasoline and diesel fuel for both Districts as needed, when needed over the term of the agreement - January 1, 2019 - December 31, 2019.

A. Unleaded Mid-Grade Gasoline				LYNKINS ENERGY SOLUTIONS	
Item	Est Qty	UOM	Description	Differential	Ext Cost
1	50,000	GAL	Unleaded Mid-Grade Gasoline	\$ 0.0429	OPIS Avg for the day plus Differential
B. Ultra Low Sulfur Diesel Fuel					
Item	Est Qty	UOM	Description	Differential	Ext Cost
1	16,000	GAL	Ultra Low Sulfur Diesel	\$ 0.0636	OPIS Avg for the day plus Differential
RECOMMENDED AWARD					
TOTAL ANNUAL ESTIMATE				\$	110,000.00

Commissioner Brantley moved for a motion to approve the annual price agreement for LCMHCD gasoline and diesel. Commissioner Scott made the motion, Commissioner Mann seconded. The board approved unanimously.

Contributions from LCMHCD to RHIFT:

Contribute \$2,300,000 and \$65,000 from LCMCD and LCHCD, respectively, to the Retiree Health Insurance Trust Fund (RHITR).The contribution requested will send the total amount budgeted for both Districts for the fiscal year ended September 30, 2019 to the RHITF. It is the recommendation of Burgess, Chambers & Associates, Inc., investment advisors to the RHITF, to fund the full amount of the budgeted contributions for LCMCD (\$3,500,000) and LCHCD (\$100,000). Funding the plan early generally creates an "actuarial" gain. Separately, Burgess, Chambers & Associates, Inc. believes that FL-FIT offers a better place to park your cash; currently yielding 2.68%. Lastly, funding the FL-FIT account fully will provide the RHITF the flexibility to rebalance the portfolio appropriately as we meet throughout 2019.

Lee County Mosquito/Hyacinth Control District

Contributions to the LCMCD/LCHCD Retiree Health Insurance Trust Fund

Fiscal Year Ended September 30, 2019

District Contributions			
Fiscal year	LCMCD	LCHCD	Total
FYE 2019 budgeted amounts	\$ 3,500,000	\$ 100,000	\$ 3,600,000
Amount contributed to date	(1,200,000)	(35,000)	(1,235,000)
	2,300,000	65,000	2,365,000
Requested Contribution to RHITF based upon investment advisors recommendation	(2,300,000)	(65,000)	(2,365,000)
Remaining FYE 2019 contribution	-	-	-
Actuarial Information			
Measurement Date	9/30/2017		
Total OPEB Liability	\$ 22,023,339		
Plan Fiduciary Net Position	4,278,343		
Sponsor's Net OPEB Liability	\$ 17,744,996		
Active Participants	90		
Retirees, Disabled Retirees, and Surviving Spouses	70		
Covered Spouses	27		
Total	187		
RHITF Investment Balance at October 31, 2018	\$ 5,816,650.34		
District Contributions			
Fiscal year	LCMCD	LCHCD	Total
FYE 2015	\$ 750,000	\$ 250,000	\$ 1,000,000
FYE 2016	750,000	250,000	1,000,000
FYE 2017	1,250,000	750,000	2,000,000
FYE 2018	1,500,000	500,000	2,000,000
Total	4,250,000	1,750,000	6,000,000
FYE 2019 actual contribution amounts	3,500,000	100,000	3,600,000
Total Contributions	\$ 7,750,000	\$ 1,850,000	\$ 9,600,000

Commissioner Brantley moved for a motion to approve the request to contribute \$2,300,000 and \$65,000 from LCMCD and LCHCD, respectively, to the RHIFT. Commissioner Mann made the motion, Commissioner Scott seconded. The board approved unanimously.

Establish LCMHCD audit committee:

Establish an audit committee for the Lee County Mosquito Control District and the Lee County Hyacinth Control District.

Florida Statutes 218.391 establishes the duties and responsibilities of the audit committee:

- Establish the factors to use for the evaluation of audit services
- Publicly announce request for proposals
- Issue a request for proposal
- Evaluate proposals received from qualified firms
- Rank and recommend in order of preference
- The Board may appoint a designee to conduct negotiations on behalf of the District(s)

INDIVIDUALS FOR YOUR CONSIDERATION:

Board Secretary/Treasurer - Brian Farrar

Senior Accountant - Sean O'Neil

Deputy Director/LCHCD - Kevin Watts

TIMELINE

February 21, 2019: Establish Audit Committee

March: Audit Committee to review and update Request for Proposals for Professional Auditing Services April -

May: Advertise, issue and receive proposals

May-June: Evaluate and rank proposals; negotiate with highest ranked qualified firm

July 18, 2019: Board approves contract/agreement letter

August: Pre-audit work begins

FINANCIAL and BUDGET CONSIDERATIONS:

There is no financial impact to establish the audit committee

Commissioner Brantley moved for a motion to approve the request to form an audit committee for LCMHCD. Commissioner Mann made the motion, Commissioner Bowen seconded. The board approved unanimously.

DIRECTOR'S REPORT:

Facilities update:

- Removed and replaced all the dirt from the chicken coop in preparing for the new chickens.
 - A new watering method designed by Milton Sterling has been made and installed and is now operational.
 - The gate by the duplex is on the schedule to be put in place and operational in the next 3 to 4 weeks.
 - All the codes have been changed on all gates. Every non-LCMHCD organization seeking use of our facilities now has to pass by the gate guard.
 - The control panel on the generator had to be changed and upgraded and is working well now.
 - The Chemical warehouse floor is done and all the racks have been installed.
 - Dodd short courses occurred the week of 4-8 Feb. 15 LCMHCD personnel attended earning 60 CEUs.
 - Sandy Brueggen left for other employment and is currently replaced by a temporary hire, Ms. Sabina Vilarchao at the front office.
 - LCMCD provided a float in the Edison Festival of Lights parade for the first time in 10 years. The float was well received by the crowd and the Parade Marshalls voted us first place for float design out of 150 floats/participants.
 - David Hoel gave a "State of Mosquito Control in Lee County" to the downtown Ft. Myers Rotary club.
 - LCMHCDs host the Florida Association of Special Districts quarterly meeting with 80 attendees on 25 Jan. Wayne Gale received an award from FASO for his support to the organization.
 - 9 district personnel attended Public Health Pest Control Core training and 8 took the exam on 18 Feb. at the LaBelle UF/IFAS Extension Center. Public Health Pest Control licensing and Core training and testing are required of all district personnel.
1. Sterile Insect Technique. Our facility is finished, X-ray machine is in place and functional. Needed technicians are now hired, bringing the crew to 6 people. Mass rearing of mosquitoes to begin within two months with quality assurance field testing of mosquitoes to start when the weather warms and UF

Regular Meeting Minutes

February 21st, 2019

personnel can come assist us. We hope to begin releasing sterile mosquitoes later this year on Captiva. All public information releases have been well-received in Lee County. We are pursuing a CDC grant to offset initial setup costs of equipment. Grant may range from \$300-500K.

2. UAS/drone work. As is known, we withdrew from the IPP program due to financial and logistical constraints and the demanding research schedule as required by the FAA. However, we will continue to pursue drone use for aerial surveillance of aquatic vegetation and for aquatic weed control operations (line of sight). In several years, after FAA rules have been modified to allow flight beyond visual line of sight, we will pursue aerial surveillance of the Caloosahatchee River to Lake Okeechobee and for possible release of sterile mosquitoes in selected areas of Lee County.

3. Future outlook. According to those with years of service to LCMHCDs, this past year has been unusually busy in terms of turnover, ongoing projects, and weather. We anticipate settling into a more routine work schedule once senior positions are more clearly understood and learned by newer personnel filling these slots, and as projects are completed (SIT, aircraft sales and modifications/conversions are completed). Aircraft inventory update:

- Helicopters. Sales of existing aircraft occurred quickly and to good advantage to the districts; we sold for more than we anticipated. We are in negotiations to sell the final helicopter at this time.
- Fixed wing aircraft. Both DC-3s are working and continue to provide reliable service. Four King Air 200s are in various states of construction. The two Arizona aircraft are in better condition and will be the first to be made operational. Pilots, Operations personnel and aircraft maintenance personnel all agree that 4 functional spray fixed wing aircraft are all that are needed by the district.
- Spray tanks for King Air 200s. Not ready due to significant delays in Embry-Riddle work schedule. Plans are that they are to be completed soon; afterwards, we can have tanks manufactured by other companies. We are actively pressing ER to complete this work ASAP. \$65,000 for their services thus far. Total finished product cost is estimated at \$253K.

Woodstock Airport. We are in the process of determining exactly how we are going to use it and what modifications will be needed to make it a functional heliport. Facility security is a priority as the property is now vacant and we are still involved with legal issues, probably for another year or two. A recent assessment shows that it may be logistically impractical to permanently keep two helicopters on the premises due to:

- a. On-site repairs and maintenance to support Woodstock-stationed helicopters
- b. Re-situating rotor mechanics to Pine Island
- c. Salt air corrosion concerns

Other Woodstock issues include what to do with a large unfinished facility and associated costs in either removing this building or bringing it up-to-code. Besides use as a heliport, this facility could possibly be used for collaborative research projects with UF Entomology, FGCU, the CDC, the Uniformed Services University of the Health Sciences, and/or other university programs interested in public health pest control. A minimal investment to develop a basic laboratory and berthing areas of the unfinished facility should suffice.

FISCAL REVIEW: *Commissioner Farrar presented the District Treasurers report for January 2019. Commissioner Farrar moved to approve the Mosquito Control District financials. Commissioner Bowen seconded the motion and the board approved unanimously.*

Commissioner Farrar presented the Hyacinth Control District Treasurers report for January 2019. Motion to approve the Hyacinth financials was made by Commissioner Ellis, and the motion was seconded by Commissioner Mann; the board approved unanimously.

There being no further business, Commissioner Brantley moved to adjourn. The meeting adjourned at 11:39 a.m.

Commissioner Ed Brantley, Chair
Term: December 2016 – November 2020

Commissioner Brian Farrar, Secretary/Treasurer
Term: November 2018 – November 2022

☒ MOSQUITO ☐ HYACINTH	Lee County Mosquito/Hyacinth Control Districts Agenda Item Report	Meeting Date: 02/21/2019
PURPOSE/ACTION REQUESTED: Authorize the expenditures of funds, not to exceed \$198,200, for engineering and construction of three (3) spray tanks for LCMCD King Air 200 airplanes WHAT ACTION ACCOMPLISHES: The action will allow the Executive Director, Manager, Aircraft Maintenance and the Purchasing Manager to: (1) enter into an agreement with Embry-Riddle Aeronautical University for an aerial spray tank support design, analysis and engineering/manufacturing data package, and (2) enter into a contractual arrangement with Creative-Composites for the construction of three (3) aerial spray tanks for the King Air 200 aircraft. MANAGEMENT RECOMMENDATION: ☒ Approve ☐ Dismiss BACKGROUND: (1) LCMCD requested Embry-Riddle Aeronautical University (ERAU) to provide a proposal and statement of work to the LCMCD in June of 2016 for engineering and design of aerial spray systems. After numerous delays, ERAU provided a proposal and statement of work. The cost estimate to complete the work was \$64,401. In the first week of March ERAU informed LCMCD that it could not complete the project but could provide a statement to LCMCD that the design provided to date would, if followed, provide for the safe operation of the aircraft with a spray tank. LCMCD expects that ERAU will except \$10,000 for the work performed. (2) The District asked three (3) companies to provide a cost estimate to construct the aerial spray tanks with the preliminary information provide by ERAU. The companies and the cost estimates are as follows: Ikhana Group - One tank with tooling: \$175,000 to \$190,000. Recurring price per tank: \$70,115 to \$78,500. Creative Composites: One-time tooling cost (includes fairings & engineering) \$68,500. Cost per tank \$39,900. Composites Universal Group: One-time tooling cost of \$31,800 (does not include fairings or engineering). A cost estimate for the tanks was not provided. LCMCD recommends selecting Creative Composites to construct the aerial spray tanks at an estimated total cost of \$188,200. FINANCIAL and BUDGET CONSIDERATIONS: FYE 2019 Budgeted Amount \$625,000. SUPPORTING DOCUMENTS: Attached		



15191 Homestead Road, Lehigh Acres, FL. 33971



Proposal and Statement of Work

Lee County Beechcraft Super King Air Navy version TC-12B Huron Aerial Spray System

Phase 2 – Mosquito Tank Support Design, Analysis and Engineering/Manufacturing Data Package

Proprietary and Confidential

DEPARTMENT: Embry-Riddle Aeronautical University Eagle Flight Research Center

SECTION: _____

PREPARED BY: Gerald Weakley TECHNICAL APPROVAL: _____EFRC APPROVAL: Dr. Richard P. Anderson CONTRACT MANAGER
APPROVAL _____

REVISION APPROVAL

REV	REVISED BY	APPROVED BY	DATE	REV	REVISED BY	APPROVED BY	DATE
–			06/08/16				
1	SLE		07/27/17				
2	GPG		09/21/17				
3	GMW		01/22/18				

REVISION HISTORY

Revision	DESCRIPTION OF CHANGE
–	Original Revision
1	Modified as requested by Office of Sponsored Research (OSR).
2	Added C-90's 90-gal tank modification to increase size to 120-gal tank.
3	Final updates, to include increasing tank size to 120 gal plus 10% (total 132 gal) for thermal expansion.

Table of Contents

1.0 INTRODUCTION.....	4
1.1 Overview	4
2. DETAILED DESCRIPTION AND DELIVERABLES.....	4
2.1 TASK 1: Design	5
2.2 TASK 2: Engineering/Manufacturing Data Package	5
2.3 TASK 3: Analysis.	6
2.4 TASK 4: Faro Arm scan of the T-12A belly/fuselage in area of tank interface	6
2.5 TASK 5: 132-gal Tank.....	6
2.6 TASK : Engineering/Manufacturing Package.....	6
3.0 PRICING AND ESTIMATE	7
3.1 Standard Flight Research Center Rates.....	7
4.0 SCHEDULE	8
4.1 Timeline	8
4.2 Summary of Deliverables/Responsibilities:	9

1.0 INTRODUCTION

1.1 Overview

Lee County Mosquito Control Department has received two (2) Beechcraft Super King Air (A200C) aircrafts from military surplus. The first aircraft in need of modification is the Navy's TC-12B version of the aircraft. The TC-12B aircraft will be retrofitted with a 132-gal (120-gal + 10% volume for thermal expansion) Aerial Spray Unit (ASU) that will contain mosquito adulticide (Dibrom or equivalent).

These aircrafts will be added to Lee County's Aerial Mosquito spaying fleet currently consisting of a Beechcraft King Air C-90 and an E-90. The TC-12B will be reclassified as a Public Aircraft per Title 49 U.S.C. § 40102(a)(41) and § 40125. Lee County will process this Certificate of Waiver or Authorization (COA) with the FAA.

Phase 1 was a feasibility study for adding Lee County's 132-gal tank to the belly of TC-12B aircraft and its spray system to the tail cone. As part of this study, Eagle Flight Research Center (EFRC) laser scanned the internal structure in the vicinity of the 120-gal tank attachment points. CAD files were generated as part of this. This was a separate SOW and completed during the Summer of 2017.

Phase 2 continues the design, analysis and the creation of an engineering/manufacturing package for Lee County to fabricate the required internal structural reinforcement to support this 132-gal tank. The design of the structural reinforcement will be in compliance with CAR 3 and 14 CFR, Part 23 even though this aircraft will be reclassified as a Public Aircraft. This design will be modeled in EFRC's CAD software. The reinforcement(s), in conjunction with the scanned aircraft's structure, will be analyzed for the 120-gal tank loads. Upon completion of this analysis, flat pattern drawings will be generated for Lee County to fabricate and install the reinforcement(s). This modification will remove this aircraft from being pressurized in the future.

As part of this SOW, EFRC will also utilize the C-90's 90-gal ASU tank and enlarge it to 132-gal (120-gal +10% for thermal expansion). This redesign will be provided to Lee County in the form a engineering/manufacturing package.

This Phase 2 work is estimated to take three (3) months from both parties approval. A engineering/manufacturing package will be delivered to Lee County upon completion of Phase 2.

2. DETAILED DESCRIPTION AND DELIVERABLES

As mentioned above, Phase 2 consists of the design, analysis and creation engineering/manufacturing package pertaining to the structural reinforcement required to support Lee County's ASU. This will

be provided to Lee County such that they can manufacture and assemble each of the four (4) tank's attachments.

2.1 TASK 1: Design

EFRC will start with the 120-gal tank loads determined from the E-90 project. The four (4) tank attachment loads were previously determined based on a combination of both pitch and roll configurations for various fill conditions. The tank's center-of-gravity (CG) was also determined in this analysis. To ensure safety, a restricted flight envelope was developed for the E-90 project. Similar restrictions will be implemented for the TC-12B aircraft while the tank is installed.

A feasibility study (Phase 1) positioned the 132-gal tank's CG location to be within certified TC-12B CG range. This tank location accounted for the CG movement as the contents of the tank was depleted. This defined the tank's four (4) attachment locations on the fuselage. These locations identified the fore and aft fuselage bulkheads that will support these loads. Phase 2 will utilize the E-90 (120-gal tank) reinforcement knowledge to design and analyze the TC-12B (132-gal tank) attachment point's reinforcement.

Each of the 132-gal tank attachment points will utilize the V-bracket previously designed since the loads will be similar. These loads include aerodynamic which is based on the speed of the aircraft which will have to be specified. This V-bracket will then be bolted to the added webbing to distribute the load to the surrounding existing internal structure. This webbing will be connected to a forward and aft bulkhead and its stiffeners, the fuselage skin.

With the above modifications to the TC-12B, a preliminary design for each of the four (4) attachments will be determined. This design is modeled in EFRC's CAD package to be analyzed.

2.2 TASK 2: Engineering/Manufacturing Data Package

The next task is to model this preliminary design reinforcement(s) in EFRC CAD software. This will be accomplished using one of EFRC's Engineer/FTE. There are several subtasks associated with this but they are all interconnected.

Drawings will be created to identify the location of the tank's Waterline/Buttline/Fuselage stations per existing station diagrams. Since each attachment is unique, the main webbing between bulkheads will be modeled. These webbing drawings will also be individually created as flat plate patterns towards the end of the project. These drawings are required for Lee County's mechanic to cut, bend, predrill and assemble the required internal reinforcements.

Doublers that were identified to be required for the E-90 120-gal tank will also be required. These will not be known until the initial Finite Element Analysis (FEA) is performed. If needed, these localized doublers will be modeled along with the main webbing and flat pattern drawings will be generated towards the end of this project.

The previously designed/analyzed V-bracket for the 120-gal tank will then be positioned on the webbing. Its attachments will be modeled. The details of this CNC manufactured part has previously been provided to Lee County. This part will be connected to the webbing within EFRC's CAD software for analysis. It is the intent of the project to utilize the same V-bracket as for the other aircrafts.

The creation of the engineering/manufacturing package is a major part of this project. With this model, the initial analysis will be performed in EFRC's CAD software to identify high stress areas.

2.3 TASK 3: Analysis.

EFRC's CAD software has an internal Finite Element Analysis (FEA) that provides a post processor to review detail stresses throughout the reinforcement. This eliminates having to transport the CAD model to/from another FEA package. Its post processor provides the ability to investigate high stress areas. To reduce these high stresses, additional doublers and/or connection reinforcements may be required to lower the stress in these areas.

This process of analyzing, reviewing, redesigning (add additional doublers/webbing and/or connection brackets) is continued until all areas have stresses levels below the material maximums.

2.4 TASK 4: Faro Arm scan of the T-12A belly/fuselage in area of tank interface

EFRC will send an engineer and grad student to Lee County Mosquito Control to scan the underbelly of the aircraft that interfaces with the external tank to provide a model of the interface for the composite tank manufacturer.

2.5 TASK 5: 132-gal Tank

EFRC will utilize the previous C-90's 90-gal tank STC approved design and enlarge this to fit the E-90's 132-gal attachment points to be utilized for this aircraft. Composite material specifications will be determined for which this design will remain the Intellectual Property (IP) of ERAU.

2.6 TASK : Engineering/Manufacturing Package

This data package will consist of a structural analysis for a 132-gal tank for a restricted flight envelope including minimal margin of safety for the TC-12B. This analysis will be in compliance with CAR 3 and 14 CFR, Part 23. The report will have the final CAD FEA post processor analysis verifying that all stress levels are below the material's allowable limits.

3.0 PRICING AND ESTIMATE

3.1 Standard Flight Research Center Rates

The EFRC at ERAU uses the following 2017 rates for billing:

2018 Standard Flight Research Center Rates		
Description	Center Rate (per hour)	Notes
Engineer 4	\$210	FAA DER or Lead Engineer
Engineer 3	\$160	Senior Engineer/FTE
Engineer 2	\$55	Engineer/FTE
Engineer 1	\$25	Engineering Assistant
Mechanic 3	\$75	A senior A&P with IA
Mechanic 2	\$60	A senior A&P
Mechanic 1	\$25	An A&P or mechanic intern
Pilot 3	\$175	Senior flight test pilot
Pilot 2	\$45	Flight test pilot
Pilot 1	\$35	Safety pilot

3.2 Estimated time and material

This proposal is time and material. The below table is EFRC's best estimate.

TC-12B Feasibility Study Estimated Time and Material					
No.	Item	Notes	Hours	Rate	Cost
1	Engineer 3	Project Engineer			
2a	Engineer 2	Graduate Student – Internal structure			
2b	Engineer 2	Graduate Student – belly scan			
3	Supplies	Printing, Faro Arm supplies, Misc.			
4	Travel	4 Two-day round trips to Lee County Engineer 3			
5	Travel	Round trip to Lee County for – belly scan			
	Total Estimated Cost (USD)				

4.0 SCHEDULE

4.1 Timeline

EFRC Engineers will define the restrictive flight envelop for the TC-12B to be used for Lee County's Mosquito Control spraying division when the 132-gal ASU is installed. The aerodynamic tank loads will then be determined. Since the weight of the tank and contents is previously known for various combinations of pitch and roll attitudes, the maximum loads for the four attachment points associated with the 132-gal tank can be determined.

The Engineers will review the laser scanned CAD model. This will define the main webbing that spans between the bulkheads, its attachment to the bulkhead stiffeners in addition to its connection to the fuselage skin and fuselage interior floor. Tank loads to this webbing will define high stress areas for additional doublers/connection reinforcements.

Graduate students will then model this design in EFRC's CAD software for review by the Engineers. The V-bracket will then be added to the CAD model and the initial analysis performed.

During this time, an additional Graduate student will utilize the C-90's 90-gal tank design and increase its size to 132-gal. The attachment points from the tank to the aircraft will remain as those for the E-90's 120-gal attachments. This will enable this new 132-gal tank to be attached to the E-90 aircraft in addition to the TC-12B aircraft.

Once each of the tank's attachment points are modeled, the graduate students will begin the FEA. Due to the geometry and gridding that the CAD software performs, it is an iterative process. With each analysis, the Engineers can review the post process and start the design review/modification.

Once designed and analyzed, the Engineers will begin to prepare the final structural report that limits the flight envelop for the TC-12B and verify that each of the four structural attachments complies with CAR 3 and 14 CFR, Part 23. At this time, Graduate students will be creating an engineering/manufacturing data package to define the location of the tank, the internal structural reinforcement and, if necessary, flat pattern drawings to fabricate each of the four tank attachments.

Item	Description	Week															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	Flight Envelope/Tank Loads	X	X														
2	Preliminary Design			X	X												
3	Model in CAD					X	X	X	X								
4	FEA/Redesign								X	X	X	X					
5	Eng/Manufacturing Data Package											X	X	X	X	X	X

Based on the above timeline assumptions, it is estimated that this project will take four (4) months to complete.

4.2 Summary of Deliverables/Responsibilities:

The following is a summary of the responsibilities/deliverables of each participant.

Lee County will:

- 1) Provide the A200C Pilot's Operating Handbook (POH) or copy (electronic or paper) for the duration of this project.
- 2) Provide the TC-12B manuals which includes, but is not limited to, the Maintenance, Repair, Parts, etc.

EFRC will:

- 1) Define the restricted flight envelope for the TC-12B with the 132-gal tank attached.
- 2) Define the maximum attachment loads for the 132-gal tank.
- 3) Model the internal structural reinforcement in CAD software for each attachment point.
- 4) Use the CAD software's FEA to verify all stress levels are below the material allowable.
- 5) Prepare engineering/manufacturing data package.

Lee County Contract Cost Estimate

Update 13 FEB 2019

SUMMARY		Spring 2019	SUM A 2019	SUM B 2019	Fall 2019	
	Total Salary, Wages & Fringe Benefits	\$ 16,742.26	\$ 9,060.76	\$ 7,857.68	\$ 7,922.70	\$ 41,583.40
	Operations Expense	\$ 1,210.00	\$ 745.00	\$ 695.00	\$ 645.00	\$ 3,295.00
	IDC (43.5% of Labor and Operational)	\$ 7,809.23	\$ 4,265.51	\$ 3,720.42	\$ 3,726.95	\$ 19,522.10
	DSS					\$ -
	Subtotal					\$ 64,400.50
	Capital Expenses					\$ -
	Total Contract Cost					\$ 64,400.50
LABOR	Staff Salary-Weakley	10%	10%	10%	10%	
	Regular Salary	\$ 2,812.50	\$ 937.50	\$ 843.76	\$ 2,607.18	\$ 7,200.94
	Benefits	\$ 879.76	\$ 293.26	\$ 263.92	\$ 815.52	\$ 2,252.46
	Total salary and benefits					\$ 9,453.40
	Number of students	3	3	3	3	
	# of weeks	10	6	6	4	
	# hours per week	29	29	25	25	
	Hourly rate	\$ 15.00	\$ 15.00	\$ 15.00	\$ 15.00	
	Total semester student wages	\$ 13,050.00	\$ 7,830.00	\$ 6,750.00	\$ 4,500.00	\$ 32,130.00
	\$ 41,583.40 Total student wages					\$ 32,130.00
	Operational Expense					
	Miscellaneous Supplies, Printing, etc	\$ 500.00	\$ 500.00	\$ 450.00	\$ 400.00	\$ 1,850.00
	Travel trips per semester	2	1	1	1	
	nights	2	1	1	1	
	hotel	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	
	per Diem	\$ 55.00	\$ 55.00	\$ 55.00	\$ 55.00	
	location	\$ 90.00	\$ 90.00	\$ 90.00	\$ 90.00	
	Total Travel Cost per semester	\$ 710.00	\$ 245.00	\$ 245.00	\$ 245.00	\$ 1,445.00
\$ 3,295.00	Total Travel Cost					\$ 1,445.00

Al Bennett

From: gsmith@creative-composites.com
Sent: Thursday, October 04, 2018 12:59 PM
To: Al Bennett
Subject: FWD: Tanks Est.
Attachments: CCI - BE200 40CU-FT POD %26 TANK.pdf

Hi Al,
Sending the original quote from July '17.

----- Original Message -----

Subject: Tanks Est.
From: gsmith@creative-composites.com
Date: 7/10/17 9:44 am
To: Bennett@LCMCD.org

Hi Al,

Although you didn't express much of an interest in using an existing pod due to your current mounting points, I worked with my customer to see what could be done using their existing 40 cu.ft. pod (one larger than the pics I sent you) and rail system for a 120 gallon capacity tank on a 200 series. The advantage would be having an STC to cover the 9G external equipment requirements. The plane would have to be brought here for installation of the rails to the aircraft, so their estimate reflects the installation of the rails, pod, and tank. Another advantage, the tank can be easily removed and the pod used as a baggage hold. Just thought I'd pass it along...

I put together some numbers based on what I've seen and we've discussed for the 120 gallon size. We would need to get a scan on the aircraft belly, or have you make loft templates for a good contour based on your mounting locations.

The tank and fairings would be infused woven glass/epoxy construction. This construction should yield 2-3 times the strength as before and therefore weigh less. Tanks would have baffles, low point sump, top access cover, top vent provision, sight glass (or I have an idea for an electronic level sensor that can be read in the cockpit), and tube for fill and removal. I would imagine you need a couple doors in the fairing for pump and valve access as well as provisions for the lights.

Depending on the location of installation, I'm not sure what will have to be done differently between the 90 and 200 models to make the tank fit. It may be fine between the two, or may need an adapter gasket or plate. Not sure until the loft information is known. The same goes for the fairings.

For estimate purposes, I priced out the 120 gallon tank and fairing for the 200.

① Tank Tooling (NRE): 24,300

2 Tank: \$18,750

1 Fairing tooling (NRE): 29,500

2 Fairings: \$21,150

1 Total tooling NRE - \$53,800

2 Tanks and Fairing per plane - \$39,900

RECURRING COST PER TANK

1 Engineering Est. - 15K

The engineering may be less, or more, depending on what we get into and the level of drawings you want. I would be project managing, but subcontracting, most the engineering and analysis. So, if you have someone there and want to use them, that works too. I will be happy to work with them. All I need is the CAD models.

Let me know if this is something you wish to discuss or pursue further.

Regards,
Gaylan Smith
Creative Composite, Inc.
11701 W Kellogg
Wichita, KS 67209
Tel: 316.729.0088
Fax: 316.729.0099

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Al Bennett

From: Bo Alksninis <balksninis@ikhanagroup.com>
Sent: Monday, July 30, 2018 6:51 PM
To: Al Bennett
Cc: David F. Hoel; David Latt
Subject: RE: LCMCD chemical tank

Hi Al,

Here is some feedback on the fabrication of the Dibrom tanks; I apologize for the delays in getting the details together.

Based on the information we have received to date we have included the following to support the program:

- Non Recurring Programming.
- Fabrication of patterns, layup/assy tools, and individual Parts.
- Subassembly and final bonded assembly of the tank assy.
- Tank assy is expected to consist of the tank top, base, inner baffle panels (4), front main fairing, main fairing nose cover, rear support bulkheads (for the equipment shelf), and rear L&R side fairings.
- Final materials and ply build-up is understood to be determined but is expected to be solid laminate without any core for the tank structure; we expect that some core may be needed in the fairings.
- The tank and top will get bonded together to be a sealed unit with the baffles inside.
- In order to provide a more accurate quote we will need final drawings with material and build up information. Information on the previous or recommended materials to be used (i.e. resin type), compatible with Dibrom, would be helpful.
- We will plan to make the basic tooling good for a limited production run (minimum of five (5) units). Master Patterns/tools will be made using fiber reinforced plastic (FRP) tooling (approximately 0.375" thick), and FRP Parts (ranging in thickness from 0.25" to 0.125") with a Grey Gel Coat surface. As noted, we have included some core material for the Fairing sections.
- Not included:
 - Engineering drawings/analysis
 - Fairing and Bulkhead 3D Models
 - Interior Specialized Coating
 - Exterior Paint
 - Packing / Shipping
 - Assembly with all hardware, equipment mounting, etc.

Estimated budgetary pricing:

Qty of one (1) unit with tooling: \$175,000.00 to \$190,000.00

Recurring price per tank assembly: \$70,115 to \$78,500.00

RECURRING COST PER TANK

Assumptions/Conditions:

The following conditions apply to this proposal:

- Parts provided with Certificate of Conformance, as applicable.
- Tanks/fairing provided as loose unassembled pieces to be final trimmed at assembly/installation to aircraft (unless otherwise arranged) NOTE: except for the bonded tank assembly as noted.
- Materials are readily available (Pricing subject to material requirements on engineering data package).
- All completion schedules are subject to facility conditions at time of order and associated back log.
- Shipping is not included in pricing.
- Customer is responsible for federal, state, and local taxes, customs, country, transportation, packing and transit fees which may be applicable.

- Payments will be required, to be negotiated in final contracting documentation

Schedule:

- Initial set: 8-10 weeks
- Subsequent sets: 5-6 weeks

Other considerations:

IKHANA can provide:

- Labor to support the fit and attachment to the aircraft on site at your facility (not currently included).
- The tank assemblies assembled to the fairings with equipment installed or attaching clips/brackets as needed (not currently included).

Let me know if you would like to get together and discuss this in more detail.

I can put this into a more formal proposal upon request

Naras "Bo" Alksninis
Director, Special Missions Sales

IKHANA Aircraft Services /IKHANA Group, Inc./37260 Sky Canyon Dr. HGR-20 /Murrieta, CA 92563
Office: (951) 600-0009 x-218 Mobile: (818) 554-5906



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From: Al Bennett <Bennett@LCMCD.ORG>
Sent: Thursday, June 21, 2018 12:55 PM
To: John Zublin III <jzublin3@ikhanagroup.com>
Cc: Bo Alksninis <balksninis@ikhanagroup.com>; David F. Hoel <Hoel@lcmcd.org>; David Latt <Latt@lcmcd.org>
Subject: RE: LCMCD chemical tank

John,

Good afternoon. Just checking to see how the quote for our tank fabrication is coming along, or if there were any more unanswered questions.

Regards,

Alfred A Bennett

*Manager, Aircraft Maintenance
Lee County Mosquito Control District
15191 Homestead Rd
Lehigh Acres, FL 33971
Phone 239-694-2174
Cell 239-849-7433*

bennett@lcmcd.org

From: John Zublin III <jzublin3@ikhanagroup.com>
Sent: Wednesday, May 09, 2018 5:31 PM
To: Al Bennett <Bennett@LCMCD.ORG>
Cc: Bo Alksninis <balksninis@ikhanagroup.com>
Subject: RE: LCMCD chemical tank

Al,

Thanks for the follow-up. I just spoke with Bo (cc'd) and confirmed that he did in fact receive the files. He will be in touch with you with questions.

Regards,
Johnny

John A. Zublin III
Operations Manager
IKHANA Aircraft Services
IKHANA Group, Inc.
Tel: 951-600-0009 x219
Cell: 760-468-3724
Fax: 951-600-1005
www.IKHANAGroup.com

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composites universal group
an aero investment strategies company

58144 Old Portland Road, BLDG B

Warren, OR 97053

(503)-410-5798 fax (503)-410-5367

"When Time and Quality Matter"

Company Name: IsoLair Helicopter Systems

Contact Person: Michael Powell

Address: 27600 SE HWY 212

City, State: Boring, OR.

Zip: 97009

Phone: 503-502-2957

E-mail: mpowell@isolairinc.com

QUOTE

DATE: June 21, 2018

Project: Lee County Mosquito
Tank NRE
Information Via: E-mail
Date Received: 6/14/2018

50% Deposit, Milestone
payments thereafter via

Terms: NET 30 days
Lead Time: 5-6 weeks ARO
FOB: Warren, Oregon
Quote Valid: 30 Days

The quoted items costs and a brief description have been broken out below. Any changes to this proposal such as tooling requirements, laminate schedules, inspection needs, etc. will be reviewed and re-quoted to represent the new requirements.

Work Scope	(x)	Options	Cost
Master Plugs	2		\$ 15,750.00
Production Molds	2		\$ 14,850.00
CMM	2		\$ 1,200.00
Crate & Packaging	1		TBD
Shipping	1		Customer pickup
TOTAL			\$ 31,800.00

NO FAIRINGS INCLUDED

NO ENGINEERING

NO TANK

Master Plugs:

Cost: \$ 15,750.00

2 of Master plugs will be cut on our CNC machine.

Qty	Part #	Description	Rev	Cost
1		Main Tank		\$8,575.00
1		Top Cover		\$7,175.00

This Master Plugs will be made using a foam base which will be undercut, three plies of fiberglass and vinylester resin will be added to seal and stabilize the foam. A layer of Spraycore tooling putty will be applied & allowed to cure. The tooling putty will then be 5 axis CNC machined to the final OML. The plugs will have an attached 2"x 2" steel tube sub-structure and will be made past all EOP scribe lines with 6" minimum bagging flanges incorporated into the plugs. The Master Plugs will be sanded out & polished in preparation for the molds.

The plugs will be labeled with standard information tags.

CMM of the Master Plugs to a tolerance of ± 0.030 will be performed prior to being released for the mold process.**Production Molds:**

Cost: \$14,850.00

Production Molds will be fabricated using a Glass & Vinylester Resin system

Qty	Part #	Description	Rev	Cost per each
1		Main Tank		\$8,085.00
1		Top Cover		\$6,765.00

CMM is included in this quote. Reports will be submitted to Isolair for review prior to part fabrication.

Composites Universal Group values its customer relationships and strives through team effort to meet all of our customer's needs and expectations. We stand behind our work. We provide internal technical support to ensure that customer supplied data, in whatever form, can be sufficiently translated to our operating systems. Currently we employ Solidworks 2016 for base 3D and 2D solid CAD modeling. CUG provides, as a customer service, an FTP site to facilitate uploading of electronic files as required.

If you have any questions or would like further information,
please contact me at
or e-mail to: SRuege@compun.com

We appreciate the opportunity to quote this project and look forward to being part of this program.

Attached is a list of information that helps CUG accurately and quickly processing your order. Please take a few moments to fill out any information that is not already addressed in our quote to you, or your purchase order to us.

I appreciate the opportunity to quote this project and look forward to working with you in the future.

Best Regards,


6-21-18

LEE COUNTY MOSQUITO CONTROL DISTRICT
TREASURER REPORT NOTES - Modified Accrual Basis of Accounting
Balance Sheet and Statement of Revenues, Expenditures and Changes in Fund Balance
For the Five Months Ended February 28, 2019

Balance Sheet Summary

Cash and Investments

Cash and investments of \$25,157,959 are comprised of checking, Florida Fixed Investment Trust, Florida Prime, and a master account (schedule included). Cash and investment balances at February 28, 2018 were \$17,286,117. The current month balance is \$7,871,842 higher than the prior year due to an increase in the County wide property values used to calculate ad valorem taxes that went into effect in October of 2018 and due to the sale of surplus aircraft by the District.

Revenues and Expenditures - Please see the LCMCD FS and the Trail 12 LCMCD Reports

Receipts - Please see the LCMCD GL Tax Receipts Report

Net taxes reported on the monthly financial statement are \$18,696,767. The amounts reported on the tax collections worksheets (report included - "LCMCD Ad Valorem Tax Collections") include cumulative gross taxes, prior year taxes, penalties and refunds, discounts and commissions, and were \$18,859,833 (cash basis). Collections were \$733,780 higher than in the prior year. The difference between revenues and collections is the difference between the cash and modified accrual method of accounting. Current year taxes will remain stable due to the District adopting the rolled-back millage rate of .2696. MTD differences are normally due to the timing of collections and payment cut-off timing by the LCTC, improvements in the economy and increases in the amount levied year-over-year. The MTD and YTD increase in Disposition of Capital Assets is due to the sale of helicopters that were declared surplus. Interest earnings on surplus funds will increase over the budgeted amount and the prior year actual due to the increase in interest rates in March.

Expenditures - Please see the Trail 12 LCMCD report

Total expenditures for the month ended February 28, 2019 and February 28, 2018 were \$1,063,200 and \$2,720,193 respectively. YTD expenditures as of February 28, 2019 and February 28, 2018 were \$10,256,099 and \$9,790,019 respectively. The differences in operating results are discussed below:

MTD Variances explanations

Noteworthy changes follow: The MTD variance in Benefits is due to a payment to the LCMCD/LCHCD Retiree Health Insurance Trust Fund (RHITF) in the prior year month. The MTD variance in Operating is primarily due to the timing of the quarterly payment to the Lee County School System for the Districts teachers. The MTD variance in Insurance is due to refunds for annual premiums for District helicopters. The MTD variance for chemicals is due to the timing of a purchase of larvicides in the current year. The MTD variance in Publications & Dues is due to the timing of annual computer software renewals. The MTD variance in Capital Outlay is due to the timing of budgeted purchases of District capital assets.

YTD Variances explanations

Noteworthy changes follow: The YTD variance in Benefits is due to the prior year payment to the RHITF of \$1,500,000 and the prior year October one-time policy change from vacation & sick time to PTO. The YTD variance in Repairs & Maintenance is primarily due to the painting of numerous buildings in the complex and remodeling of the pilots ready room. The YTD variance in Chemicals is due to inventory levels and seasonal difference in purchases. The YTD variance in Publications and Dues is due to the purchase of computer software and software enhancements for the Mosquito Control Division. The YTD variance in Capital Outlay is primarily due to the purchase of the Woodstock airport parcel. The YTD variance in debt principal and interest payments is due to the repayment of the lease with SunTrust for the Airbus helicopters.

Budget Amendment

None for the February financial statements.

Receipts Operating Budget Comparison for Mosquito Control District

Run Date: 3/8/2019

From: 2/1/2019

To: 2/28/2019

Receipts	Total Budget	This Mo Actual	Prior Yr Month	Variance	YTD Current	YTD Prior	Variance
Taxes	20,732,700.00	779,514.98	734,944.02	44,570.96	18,696,766.54	18,734,934.17	(38,167.63)
State Grant-General Government	180,000.00	52,144.21	-	52,144.21	52,144.21	-	52,144.21
Interest	165,000.00	49,241.50	12,432.75	36,808.75	155,603.38	20,589.16	135,014.22
Disposition of Capital Assets	1,325,000.00	375,000.00	1,734.38	373,265.62	2,050,188.10	4,314.38	2,045,873.72
Refunds	-	1,573.12	-	1,573.12	1,573.12	6,026.02	(4,452.90)
Other Miscellaneous Revenue	21,000.00	4,754.52	1,000.00	3,754.52	5,754.52	5,006.50	748.02
Service Charge - Mosquito Cont	80,000.00	-	-	-	-	-	-
Other Charges for Svcs Pub Safe	-	-	-	-	-	(18,697.16)	18,697.16
Sale of Surplus Materials/Scrap	-	-	125.40	(125.40)	312,392.29	125.40	312,266.89
Transfer from Hyacinth	-	-	-	-	-	-	-
Other Misc Rev-Jet Fuel Sales	-	2,042.25	56.50	1,985.75	4,141.63	1,876.03	2,265.60
Proceeds from Capital lease	-	-	-	-	-	-	-
Insurance Recoveries	-	-	-	-	-	-	-
Total Receipts	22,503,700.00	1,264,270.58	750,293.05	513,977.53	21,278,563.79	18,754,174.50	2,524,389.29

Expenses Operating Budget for Mosquito Control District

Run Date: 3/8/2019

From: 2/1/2019

To: 2/28/2019

Expenses	Total Budget	This Mo Actual	Prior Yr Month	Variance	YTD Current	YTD Prior	Variance
Personnel Services	6,344,590.00	416,679.91	447,378.96	30,699.05	2,179,363.66	2,477,270.40	297,906.74
Benefits	6,309,587.00	153,325.39	1,724,461.07	1,571,135.68	2,349,307.30	2,938,276.47	588,969.17
Operating Expenses	734,000.00	179,158.37	48,263.02	(130,895.35)	408,221.52	329,453.80	(78,767.72)
Travel & Per Diem	139,514.00	6,337.64	14,727.48	8,389.84	29,389.54	59,213.87	29,824.33
Communication Service	57,500.00	3,644.22	3,707.04	62.82	26,336.20	21,617.69	(4,718.51)
Freight Services	12,000.00	373.71	472.97	99.26	2,369.02	2,189.64	(179.38)
Utility Services	229,000.00	12,259.90	4,075.55	(8,184.35)	68,771.09	81,364.72	12,593.63
Rentals and Leases	165,000.00	2,202.94	844.08	(1,358.86)	12,562.41	64,857.79	52,295.38
Insurance	494,500.00	(60,198.00)	(16,938.00)	43,260.00	442,453.50	396,212.78	(46,240.72)
Repairs & Maintenance	725,000.00	54,331.98	86,602.60	32,270.62	480,707.23	246,301.72	(234,405.51)
Promotional Activities	35,000.00	1,992.71	-	(1,992.71)	4,315.08	589.44	(3,725.64)
Other Charges	35,000.00	1,782.94	(646.03)	(2,428.97)	33,806.55	9,025.60	(24,780.95)
Office Supplies	18,000.00	1,750.05	1,020.38	(729.67)	6,495.85	4,504.41	(1,991.44)
Gasoline/Oil/Lube	232,300.00	13,901.31	(4,818.65)	(18,719.96)	74,316.17	50,426.87	(23,889.30)
Chemicals	2,310,474.00	65,191.88	428.20	(64,763.68)	1,472,717.13	1,722,701.24	249,984.11
Protective Devices	37,000.00	1,664.44	6,814.22	5,149.78	7,616.30	13,881.22	6,264.92
Misc. Supplies	167,000.00	9,515.39	7,693.21	(1,822.18)	44,661.83	30,501.25	(14,160.58)
Small Tools	4,000.00	374.69	-	(374.69)	1,469.19	857.78	(611.41)
Tools & Implements	-	-	-	-	-	-	-
Publications & Dues	218,999.00	58,922.07	18,945.62	(39,976.45)	177,862.65	44,137.64	(133,725.01)
Training	163,227.00	11,535.83	8,965.00	(2,570.83)	29,043.81	32,616.68	3,572.87
Capital Outlay	3,602,775.00	128,452.62	368,196.14	239,743.52	1,759,558.45	1,264,018.32	(495,540.13)
Grants	35,000.00	-	-	-	-	-	-
Operating Transfer to Mosquito	500,000.00	-	-	-	-	-	-
Printing & Binding	2,000.00	-	-	-	-	-	-
Principal	2,136,187.00	-	-	-	528,570.94	-	(528,570.94)
Debt Service Interest	442,831.00	-	-	-	116,183.68	-	(116,183.68)
Total Expenditures	25,150,484.00	1,063,199.99	2,720,192.86	1,656,992.87	10,256,099.10	9,790,019.33	(466,079.77)

Lee County Mosquito Control District
Profit & Loss Budget vs. Actual
October 2018 through February 2019

	Oct '18 - Feb 19	Budget	\$ Over Budget	% of Budget
Income				
3110000 · Ad Valorem Taxes	18,696,766.54	20,732,700.00	-2,035,933.46	90.2%
3341000 · State Grant-General Government	52,144.21	180,000.00	-127,855.79	29.0%
3469000 · Service Charge - Mosquito Cont	0.00	80,000.00	-80,000.00	0.0%
3611000 · Interest	155,603.38	165,000.00	-9,396.62	94.3%
3640000 · Disposition of Capital Assets	2,050,188.10	1,325,000.00	725,188.10	154.7%
3650000 · Sale of Surplus Materials/Scrap	312,392.29			
3699000 · Other Miscellaneous Revenue	5,754.52	21,000.00	-15,245.48	27.4%
3699100 · Other Misc Rev-Jet Fuel Sales	4,141.63			
3699200 · Refunds	1,573.12			
3699300 · Insurance Recoveries	0.00			
3830000 · Proceeds from Capital Lease	0.00	0.00	0.00	0.0%
4210000 · Beginning Fund Balance	0.00	13,395,000.00	-13,395,000.00	0.0%
Total Income	21,278,563.79	35,898,700.00	-14,620,136.21	59.3%
Gross Profit	21,278,563.79	35,898,700.00	-14,620,136.21	59.3%
Expense				
5621000 · Personnel Services	2,179,363.66	6,344,590.00	-4,165,226.34	34.3%
5622000 · Benefits	2,349,307.30	6,309,587.00	-3,960,279.70	37.2%
5623100 · Operating Expenses	408,221.52	734,000.00	-325,778.48	55.6%
5624000 · Travel and Per Diem - Local	29,389.54	139,514.00	-110,124.46	21.1%
5624100 · Communications Services	26,336.20	57,500.00	-31,163.80	45.8%
5624200 · Freight & Postage Services	2,369.02	12,000.00	-9,630.98	19.7%
5624300 · Utilities	68,771.09	229,000.00	-160,228.91	30.0%
5624400 · Rentals and Leases	12,562.41	165,000.00	-152,437.59	7.6%
5624500 · Insurance	442,453.50	494,500.00	-52,046.50	89.5%
5624600 · Repairs & Maintenance	480,707.23	725,000.00	-244,292.77	66.3%
5624700 · Printing & Binding	0.00	2,000.00	-2,000.00	0.0%
5624800 · Promotional Activities	4,315.08	35,000.00	-30,684.92	12.3%
5624900 · Other Current Charges	33,806.55	35,000.00	-1,193.45	96.6%
5625100 · Office Supplies	6,495.85	18,000.00	-11,504.15	36.1%
5625210 · Gasoline/Oil/Lube	74,316.17	232,300.00	-157,983.83	32.0%
5625220 · Chemicals	1,472,717.13	2,310,474.00	-837,756.87	63.7%
5625230 · Protective Devices	7,616.30	37,000.00	-29,383.70	20.6%
5625240 · Miscellaneous Supplies	44,661.83	167,000.00	-122,338.17	26.7%
5625241 · Small Tools	1,469.19	4,000.00	-2,530.81	36.7%
5625400 · Books-Pubs-Subs-Member	177,862.65	218,999.00	-41,136.35	81.2%
5625500 · Training	29,043.81	163,227.00	-134,183.19	17.8%
5626000 · Capital Outlay	1,759,558.45	3,602,775.00	-1,843,216.55	48.8%
5627000 · Debt Service	0.00	0.00	0.00	0.0%
5627100 · Principal	528,570.94	2,136,187.00	-1,607,616.06	24.7%
5627200 · Debt Service Interest	116,183.68	442,831.00	-326,647.32	26.2%
5628000 · Grants & Aids	0.00	35,000.00	-35,000.00	0.0%
5628900 · Contingency	0.00	1,350,000.00	-1,350,000.00	0.0%
5629100 · Operating Transfers	0.00	500,000.00	-500,000.00	0.0%
5629999 · Reserves - Budget Use Only	0.00	9,398,216.00	-9,398,216.00	0.0%
Total Expense	10,256,099.10	35,898,700.00	-25,642,600.90	28.6%
Net Income	11,022,464.69	0.00	11,022,464.69	100.0%



ADAM H. PUTNAM
COMMISSIONER

Florida Department of Agriculture and Consumer Services
Division of Agricultural Environmental Services

MOSQUITO CONTROL MONTHLY REPORT

Section 388.341 F.S., Rule 5E-13.027, F.A.C.
Telephone: (850) 617-7995; Fax (850) 617-7969

Submit to:
Mosquito Control Program
3125 Conner Blvd, Bldg 6
Tallahassee, FL 32399-1650

COUNTY/ DISTRICT Lee Co Mosquito Control Distric

FISCAL YEAR: 2013-2014

MONTH: February

LOCAL FUNDS RECEIPTS AND BALANCES

ACCT NO	DESCRIPTION	Budgeted Receipts	Monthly Receipts	Receipts Year to Date	Balance to Be Collected
311	Ad Valorem (Current/Delinquent)	\$ 20,732,700.00	\$ 779,514.98	\$ 18,696,766.54	\$ 2,035,933.46
334.1	State Grant	\$ -	\$ 52,144.21	\$ 52,144.21	\$ (52,144.21)
362	Equipment Rentals	\$ -	\$ -	\$ -	\$ -
337	Grants and Donations	\$ 180,000.00	\$ -	\$ -	\$ 180,000.00
361	Interest Earnings	\$ 165,000.00	\$ 49,241.50	\$ 155,603.38	\$ 9,396.62
364	Equipment and/or Other Sales	\$ 1,325,000.00	\$ 375,000.00	\$ 2,362,580.39	\$ (1,037,580.39)
369	Misc./Refunds (prior yr expenditures)	\$ 21,000.00	\$ 8,369.89	\$ 11,469.27	\$ 9,530.73
380	Other Sources	\$ 80,000.00	\$ -	\$ -	\$ 80,000.00
389	Loans	\$ -	\$ -	\$ -	\$ -
TOTAL RECEIPTS		\$ 22,503,700.00	\$ 1,264,270.58	\$ 21,278,563.79	\$ 1,225,136.21
BEGINNING FUND BALANCE		\$ 13,395,000.00	\$ -	\$ -	\$ 13,395,000.00
Total Receipts & Balance		\$ 35,898,700.00	\$ 1,264,270.58	\$ 21,278,563.79	\$ 14,620,136.21

LOCAL FUNDS EXPENDITURES AND BALANCES

ACCT NO	Uniform Accounting System Code	Transaction	Budgeted Expenditures	Monthly Expenditures	Expenditures Year to Date	Balance to Be Expended
10		Personal Services	\$ 6,344,590.00	\$ 416,679.91	\$ 2,179,363.66	\$ 4,165,226.34
20		Personal Services Benefits	\$ 6,309,587.00	\$ 153,325.39	\$ 2,349,307.30	\$ 3,960,279.70
30		Operating Expense	\$ 734,000.00	\$ 179,158.37	\$ 408,221.52	\$ 325,778.48
40		Travel & Per Diem	\$ 139,514.00	\$ 6,337.64	\$ 29,389.54	\$ 110,124.46
41		Communication Services	\$ 57,500.00	\$ 3,644.22	\$ 26,336.20	\$ 31,163.80
42		Freight Services	\$ 12,000.00	\$ 373.71	\$ 2,369.02	\$ 9,630.98
43		Utility Service	\$ 229,000.00	\$ 12,259.90	\$ 68,771.09	\$ 160,228.91
44		Rentals & Leases	\$ 165,000.00	\$ 2,202.94	\$ 12,562.41	\$ 152,437.59
45		Insurance	\$ 494,500.00	\$ (60,198.00)	\$ 442,453.50	\$ 52,046.50
46		Repairs & Maintenance	\$ 725,000.00	\$ 54,331.98	\$ 480,707.23	\$ 244,292.77
47		Printing and Binding	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00
48		Promotional Activities	\$ 35,000.00	\$ 1,992.71	\$ 4,315.08	\$ 30,684.92
49		Other Charges	\$ 35,000.00	\$ 1,669.54	\$ 33,806.55	\$ 1,193.45
51		Office Supplies	\$ 18,000.00	\$ 1,750.05	\$ 6,495.85	\$ 11,504.15
52.1		Gasoline/Oil/Lube	\$ 232,300.00	\$ 13,901.31	\$ 74,316.17	\$ 157,983.83
52.2		Chemicals	\$ 2,310,474.00	\$ 65,191.88	\$ 1,472,717.13	\$ 837,756.87
52.3		Protective Clothing	\$ 37,000.00	\$ 1,664.44	\$ 7,616.30	\$ 29,383.70
52.4		Misc. Supplies	\$ 167,000.00	\$ 9,515.39	\$ 44,661.83	\$ 122,338.17
52.5		Tools & Implements	\$ 4,000.00	\$ 374.69	\$ 1,469.19	\$ 2,530.81
54		Publications & Dues	\$ 218,999.00	\$ 58,922.07	\$ 177,862.65	\$ 41,136.35
55		Training	\$ 163,227.00	\$ 11,535.83	\$ 29,043.81	\$ 134,183.19
60		Capital Outlay	\$ 3,602,775.00	\$ 128,566.02	\$ 1,759,558.45	\$ 1,843,216.55
71		Principal	\$ 2,136,187.00	\$ -	\$ 528,570.94	\$ 1,607,616.06
72		Interest	\$ 442,831.00	\$ -	\$ 116,183.68	\$ 326,647.32
81		Aids to Government Agencies	\$ -	\$ -	\$ -	\$ -
83		Other Grants and Aids	\$ 35,000.00	\$ -	\$ -	\$ 35,000.00
89		Contingency (Current Year)	\$ 1,350,000.00	\$ -	\$ -	\$ 1,350,000.00
99		Payment of Prior Year Accounts	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00
TOTAL BUDGET AND CHARGES			\$ 26,500,484.00	\$ 1,063,199.99	\$ 10,256,099.10	\$ 16,244,384.90
0.001		Reserves - Future Capital Outlay	\$ -	\$ -	\$ -	\$ -
0.002		Reserves - Self-Insurance	\$ -	\$ -	\$ -	\$ -
0.003		Reserves - Cash Balance to be Carried Forward	\$ 9,398,216.00	\$ -	\$ -	\$ 9,398,216.00
0.004		Reserves - Sick and Annual Leave	\$ -	\$ -	\$ -	\$ -
TOTAL RESERVES ENDING BALANCE			\$ 9,398,216.00	\$ -	\$ -	\$ 9,398,216.00
TOTAL BUDGETARY EXPENDITURES and BALANCES			\$ 35,898,700.00	\$ 1,063,199.99	\$ 10,256,099.10	\$ 25,642,600.90
ENDING FUND BALANCE			\$ -	\$ 201,070.59	\$ 11,022,464.69	\$ (11,022,464.69)

By submission of this monthly report of receipts, expenditures, and balances, I attest it is true and correct.

Dr. David Hoel

3/21/2019

Lee County Mosquito Control District
AD VALOREM TAX COLLECTIONS 2018 - 2019 FISCAL YEAR
CURRENT AND LAST 5 FISCAL YEARS COLLECTION ANALYSIS

As of February 28 of each year

Fiscal Year	Gross Ad Valorem Taxes Collected	% Change in Gross Ad Valorem Taxes Collected Increase/- Decrease	Prior Year Ad Valorem Taxes	Penalties, Refunds & Corrections and Other	Discounts	Commissions	Net Ad Valorem Taxes Collected	% Change in Net Ad Valorem Taxes Collected Increase/-Decrease	Budget (Net)	% of Net Collections to Budget
2019 Actual	20,015,182.30	-2.13%	3,844.80	(5,901.01)	(770,379.09)	(382,914.08)	18,859,832.92	-2.08%	20,732,700	90.97%
Net increase year over year							733,780.13			
2018 Actual	19,269,314.45	27.91%	3,441.87	(24,083.01)	(754,474.80)	(368,145.72)	18,126,052.79	27.73%	20,735,100	87.42%
2017 Actual	15,064,383.28	8.75%	6,563.52	(2,821.82)	(589,828.76)	(287,718.33)	14,190,577.89	8.70%	16,356,000	86.76%
2016 Actual	13,852,614.72	7.14%	9,702.51	(1,876.96)	(541,411.08)	(264,556.12)	13,054,473.07	7.09%	15,145,100	86.20%
2015 Actual	12,929,833.89	2.37%	7,003.91	4,379.85	(504,411.11)	(247,057.41)	12,189,749.13	2.31%	14,185,702	85.93%
2014 Actual	12,631,100.14	14.68%	12,706.86	6,389.38	(494,001.81)	(241,622.71)	11,914,571.86	14.66%	14,013,685	85.02%

Comments:

COMPARISON OF ANNUAL GROSS COLLECTIONS TO DR-420 BUDGET AMOUNT

	DR-420 Amount	Actual	Difference	Millage Rate
2019@	22,320,598.00	20,015,182.30	(2,305,415.70)	0.2696
2018	21,826,337.00	21,909,407.90	83,070.90	0.2800
2017	17,216,666.00	17,319,767.13	103,101.13	0.2397
2016	15,942,159.00	16,021,115.98	78,956.98	0.2397
2015	14,932,317.00	14,976,413.39	44,096.39	0.2397
2014	14,751,247.00	14,813,560.78	62,313.78	0.2520

2019 @ - The actual amount represents taxes collected through the month of the report.

Differences in budgeted gross taxes and actual gross tax collected are primarily due to the following:

The Property Appraiser may adjust the final taxable value. The DR-420 includes the taxable value through July 1 of each year. The Property Appraiser may adjust, up or down, the final taxable value. The District receives a DR-422 after the TRIM process that documents the change, if any.

Taxes may not be paid. Normally the District collects unpaid taxes through an annual tax certificate sale. However, unsold tax certificates become property of the Board of County Commissioners (BoCC). The District will not collect until the taxes are paid or the BoCC calls for a tax deed sale.

Property values may change through the Property Appraiser's "Value Adjustment Board." A taxpayer may protest the assessed taxable value and a change may occur.

CASH BASIS

Date	Dist #	Taxes 311100-000-0	Prior Year Taxes 311200-000-0	Discounts 311140-000-0	Penalties 311120-000-0	Interest 361110-000-0	Commission 522340-000-0	Refunds and Corrections 311150-000-0	Other 311160-000-0	Total Net Distribution
10/15/2018	15	-	-	-	-	-	-	-	-	-
10/28/2018	Excess Fees	-	-	-	-	-	-	-	-	-
11/15/2018	1	473,542.19	1,178.36	(20,853.25)	484.64	-	(9,218.82)	(81.83)	-	445,051.29
11/30/2018	2	4,378,546.10	128.49	(175,073.63)	954.27	-	(84,115.11)	(6,791.29)	-	4,113,648.83
12/16/2018	3	11,834,331.43	805.81	(473,240.78)	1,914.66	-	(227,333.61)	(34.44)	-	11,136,443.07
12/28/2018	4	1,633,670.69	345.61	(60,839.16)	641.40	-	(31,705.73)	(146.16)	-	1,541,966.65
1/15/2019	5	715,561.89	135.85	(21,565.50)	406.95	-	(13,915.43)	(482.04)	-	680,141.72
2/15/2019	6	817,741.73	365.98	(18,806.43)	648.86	-	(16,599.28)	(3,835.88)	-	779,514.98
3/14/2019	7	-	-	-	-	-	-	-	-	-
4/15/2019	8	-	-	-	-	-	-	-	-	-
5/15/2019	9	-	-	-	-	-	-	-	-	-
6/14/2019	10	-	-	-	-	-	-	-	-	-
7/12/2019	11	-	-	-	-	-	-	-	-	-
8/9/2019	12	-	-	-	-	-	-	-	-	-
9/13/2019	13	-	-	-	-	-	-	-	-	-
10/11/2019	14	-	-	-	-	-	-	-	-	-
10/11/2019	15	-	-	-	-	-	-	-	-	-
	16	-	-	-	-	-	-	-	-	-
	17	-	-	-	-	-	-	-	-	-
	Excess fees	-	-	-	-	-	-	-	-	-

Total Modified Accrual		\$ 19,853,394.03	\$ 2,960.10	\$ (770,378.75)	\$ 5,050.78	\$ -	\$ (382,887.98)	\$ (11,371.64)	\$ -	\$ 18,696,766.54
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Conversion to Cash Basis (Ad Valorem Taxes)

Reductions										
Distribution 14	10/12/2018	-	-	-	-	-	-	-	-	-
Excess Fees	10/31/2018	-	-	-	-	-	-	-	-	-
Sub-total		-	-	-	-	-	-	-	-	-
Additions										
Distribution 14	10/12/2018	-	884.70	(0.34)	419.85	-	(26.10)	-	-	1,278.11
Excess Fees	10/31/2018	161,788.27	-	-	-	-	-	-	-	161,788.27
		161,788.27	884.70	(0.34)	419.85	-	(26.10)	-	-	163,066.38

Ad Valorem Tax Revenue		\$ 20,015,182.30	\$ 3,844.80	\$ (770,379.09)	\$ 5,470.63	\$ -	\$ (382,914.08)	\$ (11,371.64)	\$ -	\$ 18,859,832.92
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Conversion to Cash Basis (Interest)

Reductions										
Distribution 15	10/12/2018	-	-	-	-	-	-	-	-	-
Additions										
Distribution 15	10/12/2018	-	-	-	-	11,136.96	(556.84)	-	-	10,580.12
Tax Collector Interest Revenue		\$ -	\$ -	\$ -	\$ -	\$ 11,136.96	\$ (556.84)	\$ -	\$ -	\$ 10,580.12

February 28, 2019					
Account	LCMCD	LCHCD	Total	ECR Accounts	Earnings rate (Basis Points -BP)
SunTrust Operating	\$ 455,079.85	\$ 47,695.40	\$ 502,775.25	Yes	ECR and BP - 50
SunTrust Master 2397	2,903,343.80	237,897.40	3,141,241.20	Yes	ECR and BP - 50
SBA 322630	11,420,325.09	-	11,420,325.09	No	BP - 266
SBA 322640	-	1,074,725.40	1,074,725.40	No	BP - 266
FL-FIT	10,379,210.52	921,003.94	11,300,214.46	No	BP - 269
	<u>25,157,959.26</u>	<u>2,281,322.14</u>	<u>27,439,281.40</u>		

100 Basis Points equal 1%

FL-FIT - Florida Fixed Income Trust

SBA - State Board of Administration (Local Government Surplus Funds Trust Fund)

**Lee County Mosquito Control District
Check Register**

Accrual Basis

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Credit</u>
1010000 · SunTrust Checking - Operating			
02/01/2019	85923	Airgas Dry Ice	367.16
02/01/2019	85924	American Petroleum Services, LLC	2,986.64
02/01/2019	85925	Aviall Services, Inc.	687.74
02/01/2019	85926	Batteries Plus	883.49
02/01/2019	85927	Ben Few & Company, Inc.	3,440.00
02/01/2019	85928	BENISTAR/UA-6803	43,624.00
02/01/2019	85929	Blu Site Solutions of Southwest FL Inc.	220.00
02/01/2019	85930	Blue Tarp Financial, Inc.	215.97
02/01/2019	85931	Century Fence Company, Inc.	2,241.00
02/01/2019	85932	Century Link 311704607	61.96
02/01/2019	85933	Century Link 88283083	617.08
02/01/2019	85934	Comcast 8535 10 053 0021513	12.12
02/01/2019	85935	Culligan Bottled Water	178.00
02/01/2019	85936	Dade Towel Company	617.91
02/01/2019	85937	David Hess	1,720.00
02/01/2019	85938	Dean, Mead, Egerton, Bloodworth,	25.00
02/01/2019	85939	DG Ace Hardware, Inc.	114.54
02/01/2019	85940	FedEx	87.22
02/01/2019	85941	Fisher Scientific Company	227.36
02/01/2019	85942	Florida Blue (Health Ins.)	149,713.54
02/01/2019	85943	Florida Tool & Fastener	10.11
02/01/2019	85944	FMA Ft. Myers Automotive and Ind. Su...	229.27
02/01/2019	85945	FPL Florida Power & Light Co.	6,379.24
02/01/2019	85946	Goodyear Auto Service Center	285.09
02/01/2019	85947	Goodyear Rubber Products, Inc.	185.97
02/01/2019	85948	Grainger, Inc.	347.09
02/01/2019	85949	Henderson, Franklin Starnes & Holt, P.A.	21,961.34
02/01/2019	85950	Heritage-Crystal Clean, LLC	1,263.89
02/01/2019	85951	John A. Koons Locksmiths	11.30
02/01/2019	85952	LCEC	41.00
02/01/2019	85953	Leading Edge Associates, LLC	3,075.00
02/01/2019	85954	Lehigh Acres Fire Control	2,827.56
02/01/2019	85955	London Fog, Inc.	119.92
02/01/2019	85956	Medical Technology Associates, Inc.	236.00
02/01/2019	85957	Micronair Sales & Service, LLC	108.95
02/01/2019	85958	Mock Engineering, Inc.	60.00
02/01/2019	85959	Newark Element14	78.98
02/01/2019	85960	nexAir, LLC	74.38
02/01/2019	85961	Office Depot, Inc.	822.22
02/01/2019	85962	Office of the Sheriff, Lee County	137.60
02/01/2019	85963	Publix Super Markets, Inc	51.50
02/01/2019	85964	R.S.I. Unlimited Inc.	22,758.33
02/01/2019	85965	Reliable Auto Paint & Supplies, Inc.	68.40
02/01/2019	85966	Reliance Standard (Dental)	9,174.20

**Lee County Mosquito Control District
Check Register**

Accrual Basis

Date	Num	Name	Credit
02/01/2019	85967	Reliance Standard (LTD GT Vol Life)	4,229.37
02/01/2019	85968	Reliance Standard (STD)	2,302.61
02/01/2019	85969	Reliance Standard (Vision)	773.64
02/01/2019	85970	Safran Helicopter Engines USA, Inc.	114.99
02/01/2019	85971	Sarasota Avionics & Maintenance	9,200.00
02/01/2019	85972	Snap-On Tools	383.65
02/01/2019	85973	Sprayer Depot	9.38
02/01/2019	85974	Supplyworks	632.27
02/01/2019	85975	Textron Aviation, Inc.	82.06
02/01/2019	85976	The Island Water Association	13.00
02/01/2019	85977	UniFirst Corporation	1,346.64
02/01/2019	85978	United Way	192.00
02/01/2019	85979	UPS	115.93
02/01/2019	85980	Verizon Wireless	1,252.65
02/01/2019	85981	Victory Layne Chevrolet	285.48
02/08/2019	85982	AAF International	36.72
02/08/2019	85983	Aircraft Propeller Works Inc.	35,885.00
02/08/2019	85984	Airgas Dry Ice	796.36
02/08/2019	85985	AT&T	65.04
02/08/2019	85986	Aviall Services, Inc.	217.44
02/08/2019	85987	Basler Turbo Conversion, LLC	162.40
02/08/2019	85988	Bell Helicopter Textron Inc.	127.36
02/08/2019	85989	Blu Site Solutions of Southwest FL Inc.	55.00
02/08/2019	85990	C&C Feed Store	543.00
02/08/2019	85991	Century Link 421997664	164.24
02/08/2019	85992	Comcast 8535 10 025 0133837	150.55
02/08/2019	85993	CR Laurence Co., Inc.	109.14
02/08/2019	85994	Culligan Bottled Water	163.44
02/08/2019	85995	DG Ace Hardware, Inc.	80.16
02/08/2019	85996	Everglades Equipment Group	47.07
02/08/2019	85997	FedEx	89.84
02/08/2019	85998	FGUA Florida Governmental Utility Auth...	425.18
02/08/2019	85999	Florida Tire Supply Co.	15.83
02/08/2019	86000	FMA Ft. Myers Automotive and Ind. Su...	329.12
02/08/2019	86001	FPL Florida Power & Light Co.	3,060.50
02/08/2019	86002	Fred's Award World	57.75
02/08/2019	86003	Futral's Feed Store	149.97
02/08/2019	86004	Gator Golf Cars	1,751.93
02/08/2019	86005	GCC Gulf Controls Company, Inc.	28.46
02/08/2019	86006	Goodyear Auto Service Center	61.60
02/08/2019	86007	Grainger, Inc.	173.49
02/08/2019	86008	Harmon Photographers, LLC	748.20
02/08/2019	86009	Hendry County 4-H	20.00
02/08/2019	86010	Jackson National Life Insurance Co.	58.56
02/08/2019	86011	LCEC	43.07

**Lee County Mosquito Control District
Check Register**

Accrual Basis

Date	Num	Name	Credit
02/08/2019	86012	Lightning Wireless Solutions	1,263.85
02/08/2019	86013	Neofunds	54.00
02/08/2019	86014	New Pig Corporation	289.93
02/08/2019	86015	nexAir, LLC	99.13
02/08/2019	86016	Office Depot, Inc.	122.35
02/08/2019	86017	QC Laboratories	1,440.00
02/08/2019	86018	Reliable Auto Paint & Supplies, Inc.	56.75
02/08/2019	86019	Securitas Security Services USA, Inc.	5,061.01
02/08/2019	86020	SGR Strategic Government Resources	2,512.59
02/08/2019	86021	Stellar Industrial Supply, Inc.	850.06
02/08/2019	86022	Suncoast Marketing, Inc.	784.35
02/08/2019	86023	UniFirst Corporation	381.82
02/08/2019	86024	United Way	292.00
02/08/2019	86025	Univar USA, Inc.	97.08
02/08/2019	86026	Verizon Wireless	1,782.54
02/08/2019	86027	Waste Management Inc. of Florida	31.16
02/08/2019	86028	Waste Pro - Ft. Myers	112.88
02/15/2019	86029	Aviall Services, Inc.	98.03
02/15/2019	86030	Bell Helicopter Textron (Aeronautical A.)	1,617.14
02/15/2019	86031	Blue Tarp Financial, Inc.	109.97
02/15/2019	86032	Century Fence Company, Inc.	522.90
02/15/2019	86033	Century Link 311181802	971.25
02/15/2019	86034	Century Link 312266599	51.46
02/15/2019	86035	Clarke	10,084.38
02/15/2019	86036	Comcast 8535 10 017 0052968	199.06
02/15/2019	86037	DG Ace Hardware, Inc.	95.00
02/15/2019	86038	FinishMaster, Inc.	85.86
02/15/2019	86039	FMA Ft. Myers Automotive and Ind. Su...	52.29
02/15/2019	86040	FPL Florida Power & Light Co.	85.78
02/15/2019	86041	Gasparilla Island Water Association, Inc	73.97
02/15/2019	86042	Greater Pine Island Water	118.17
02/15/2019	86043	GW Services of SW Florida, Inc.	2,935.58
02/15/2019	86044	Hendry County 4-H	40.00
02/15/2019	86045	Imperial Bag & Paper Co. LLC	93.18
02/15/2019	86046	Intercept of Florida	123.45
02/15/2019	86047	John A. Koons Locksmiths	21.18
02/15/2019	86048	Larue Pest Management, Inc.	462.00
02/15/2019	86049	Lee County Public Safety-GCN	3,618.00
02/15/2019	86050	LIS Engineering, LLC	750.00
02/15/2019	86051	McMaster-Carr Supply Co.	93.12
02/15/2019	86052	Michael Vigus	187.25
02/15/2019	86053	Monroe Aerospace	54.69
02/15/2019	86054	MSC Industrial Supply Co.	27.16
02/15/2019	86055	Newterra, Inc.	713.45
02/15/2019	86056	nexAir, LLC	332.19

**Lee County Mosquito Control District
Check Register**

Accrual Basis

Date	Num	Name	Credit
02/15/2019	86057	Office Depot, Inc.	140.96
02/15/2019	86058	Publix Super Markets, Inc	28.28
02/15/2019	86059	Ryan Herco Products Corp.	397.32
02/15/2019	86060	Safety-Kleen Systems, Inc.	968.24
02/15/2019	86061	SGR Strategic Government Resources	2,132.80
02/15/2019	86062	SHI International Corp.	504.26
02/15/2019	86063	South Florida Gas, Inc.	117.03
02/15/2019	86064	Southeast Aerospace, Inc.	1,719.00
02/15/2019	86065	Supplyworks	198.44
02/15/2019	86066	Textron Aviation, Inc.	1,465.90
02/15/2019	86067	Toshiba America Business Solutions, Inc.	740.47
02/15/2019	86068	Tropic Supply, Inc.	206.78
02/15/2019	86069	Tyler Technologies, Inc.	11,404.52
02/15/2019	86070	UniFirst Corporation	342.03
02/15/2019	86071	Victory Layne Chevrolet	45.88
02/15/2019	86072	Waste Pro - Ft. Myers	32.00
02/22/2019	86074	Advanced Disposal	417.87
02/22/2019	86075	Airgas Dry Ice	367.16
02/22/2019	86076	Aviall Services, Inc.	242.78
02/22/2019	86077	Bell Helicopter Textron Inc.	94.08
02/22/2019	86078	David Hoel	160.00
02/22/2019	86079	Everglades Equipment Group	68.33
02/22/2019	86080	FedEx	154.80
02/22/2019	86081	FinishMaster, Inc.	90.39
02/22/2019	86082	FMA Ft. Myers Automotive and Ind. Su...	485.46
02/22/2019	86083	Forestry Resources Inc.	159.00
02/22/2019	86084	FPL Florida Power & Light Co.	91.12
02/22/2019	86085	Global HR Research	81.61
02/22/2019	86086	Goodyear Auto Service Center	322.68
02/22/2019	86087	Grainger, Inc.	155.24
02/22/2019	86088	Hendry County 4-H	160.00
02/22/2019	86089	John A. Koons Locksmiths	2.12
02/22/2019	86090	Larue Pest Management, Inc.	330.60
02/22/2019	86091	LCEC	26.06
02/22/2019	86092	NetSupport Inc.	55.48
02/22/2019	86093	Newark Element14	6.98
02/22/2019	86094	Publix Super Markets, Inc	65.21
02/22/2019	86095	Securitas Security Services USA, Inc.	5,061.00
02/22/2019	86096	SGR Strategic Government Resources	4,378.54

**Lee County Mosquito Control District
Check Register**

Accrual Basis

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Credit</u>
02/22/2019	86097	UniFirst Corporation	343.40
02/22/2019	86098	Univar USA, Inc.	125.86
Total 1010000 · SunTrust Checking - Operating			417,635.85
TOTAL			417,635.85

LEE COUNTY HYACINTH CONTROL DISTRICT
TREASURER REPORT NOTES - Modified Accrual Basis of Accounting
Balance Sheet and Statement of Revenues, Expenditures and Changes in Fund Balance
For the Five Months Ended February 28, 2019

Balance Sheet Summary

Cash and Investments

Cash and investments of \$2,281,322 are comprised of checking, Florida Fixed Investment Trust, Florida Prime, and a master account (schedule included). Cash and investment balances at February 28, 2018 were \$2,183,434. The current month balance is \$97,888 higher than the prior year. LCHCD participates in all aspects of treasury management of surplus funds either with an account in its name or a shared account with LCMCD.

Revenues and Expenditures - Please see the LCHCD FS and the LCHCD Trail 12 Reports

Receipts - Please see the LCHCD GL Tax Receipts Report

Net taxes reported on the monthly financial statement are \$1,776,568. The amounts reported on the tax collections worksheets as net taxes collected (report included - "LCHCD Ad Valorem Tax Collections") include cumulative gross taxes, prior year taxes, penalties and refunds, discounts and commissions, and were \$1,791,742 (cash basis). Cash collections were \$105,781 higher than in the prior year. The difference between revenues and collections is the difference between the cash and modified accrual method of accounting. MTD and YTD differences are discussed as follows: Current year taxes will remain stable due to the District using the rolled-back millage rate of .0239. MTD differences are normally due to the timing of collections and payment cut-off timing by the LCTC, improvements in the economy and increases/decreases in the amount levied (if any) year-over-year. Interest earnings from surplus funds will continue to be higher than the prior year and the current budgeted amount due higher interest rates.

Expenditures - Please see the Trail 12 LCHCD report

Total expenditures for the month ended February 28, 2019 and February 28, 2018 were \$156,906 and \$692,958, respectively. YTD expenditures as of February 28, 2019 and February 28, 2018 were \$876,110 and \$1,459,542 respectively. The differences in operating results are discussed below:

MTD Variances explanations

Noteworthy changes are as follows: The MTD change in Benefits is due to a payment of \$500,000 to the LCMCD/LCHCD RHITF in the prior year month. The MTD change in chemicals is due to a larger purchase of chemicals in February of 2018 than in 2019 to perform required treatments.

YTD Variances explanations

Noteworthy changes are as follows: The YTD variance in Benefits is due primarily to a \$500,000 payment on February of 2018 to the LCMCD/LCHCD RHITF. The YTD change in chemicals is primarily due to the timing of inventory purchases to provide required treatment.

Budget Amendment

None for the February financial statements.

Receipts Operating Budget Comparison for Hyacinth Control District

Run Date: 3/8/2019

From: 2/1/2019

To: 2/28/2019

Receipts	Total Budget	This Mo Actual	Prior Yr Month	Variance	YTD Current	YTD Prior	Variance
Taxes	1,969,800.00	75,098.02	69,718.62	5,379.40	1,776,568.03	1,741,133.55	35,434.48
State Grant-General Government	-	-	-	-	-	-	-
Interest	24,000.00	4,618.99	1,918.73	2,700.26	13,956.44	4,130.69	9,825.75
Disposition of Capital Assets	4,000.00	-	-	-	-	10.00	(10.00)
Refunds	-	-	-	-	-	440.70	(440.70)
Other Miscellaneous Revenue	2,000.00	-	-	-	-	-	-
Service Charge - Mosquito Cont	-	-	-	-	-	-	-
Other Charges for Svcs Pub Safe	-	-	-	-	-	-	-
Sale of Surplus Materials/Scrap	-	-	-	-	-	-	-
Transfer from Hyacinth	-	-	-	-	-	-	-
Other Misc Rev-Jet Fuel Sales	-	-	-	-	-	-	-
Proceeds from Capital lease	-	-	-	-	-	-	-
Insurance Recoveries	-	329.44	-	329.44	1,204.63	-	1,204.63
Total Receipts	1,999,800.00	80,046.45	71,637.35	8,409.10	1,791,729.10	1,745,714.94	46,014.16

Expenses Operating Budget for Hyacinth Control District

Run Date: 3/8/2019

From: 2/1/2019

To: 2/28/2019

Expenses	Total Budget	This Mo Actual	Prior Yr Month	Variance	YTD Current	YTD Prior	Variance
Personnel Services	1,026,000.00	80,917.69	79,918.06	(999.63)	431,887.34	489,218.59	57,331.25
Benefits	662,500.00	34,491.02	537,728.09	503,237.07	242,724.28	739,027.79	496,303.51
Operating Expenses	82,000.00	5,226.67	5,906.21	679.54	26,934.09	22,028.87	(4,905.22)
Travel & Per Diem	5,000.00	88.00	219.00	131.00	1,239.67	723.00	(516.67)
Communication Service	9,000.00	664.76	549.79	(114.97)	3,957.37	3,198.25	(759.12)
Freight Services	500.00	-	-	-	253.61	42.84	(210.77)
Utility Services	32,000.00	2,260.92	138.10	(2,122.82)	13,668.23	11,513.80	(2,154.43)
Rentals and Leases	2,000.00	97.11	77.47	(19.64)	410.23	704.01	293.78
Insurance	60,000.00	-	-	-	38,772.50	38,406.00	(366.50)
Repairs & Maintenance	37,000.00	1,501.27	2,001.68	500.41	20,002.17	14,573.79	(5,428.38)
Promotional Activities	-	-	-	-	349.07	-	(349.07)
Other Charges	23,000.00	36.44	2,649.66	2,613.22	5,949.50	9,088.46	3,138.96
Office Supplies	5,000.00	137.07	110.35	(26.72)	490.18	382.01	(108.17)
Gasoline/Oil/Lube	17,000.00	2,531.40	99.38	(2,432.02)	5,096.71	2,716.55	(2,380.16)
Chemicals	150,000.00	23,664.22	58,541.00	34,876.78	61,584.52	92,941.90	31,357.38
Protective Devices	4,000.00	14.71	34.85	20.14	679.48	108.71	(570.77)
Misc. Supplies	31,000.00	735.19	1,443.28	708.09	11,863.00	18,308.98	6,445.98
Small Tools	-	-	-	-	48.79	-	(48.79)
Tools & Implements	500.00	-	-	-	-	-	-
Publications & Dues	9,500.00	112.81	2,637.78	2,524.97	4,812.23	4,621.05	(191.18)
Training	6,500.00	2,215.60	635.00	(1,580.60)	3,176.28	1,520.76	(1,655.52)
Capital Outlay	70,000.00	2,210.88	268.08	(1,942.80)	2,210.88	10,417.00	8,206.12
Grants	-	-	-	-	-	-	-
Operating Transfer to Mosquito	-	-	-	-	-	-	-
Printing & Binding	-	-	-	-	-	-	-
Principal	-	-	-	-	-	-	-
Debt Service Interest	-	-	-	-	-	-	-
Total Expenditures	2,232,500.00	156,905.76	692,957.78	536,052.02	876,110.13	1,459,542.36	583,432.23

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Accrual Basis

Lee County Hyacinth Control District
Profit & Loss Budget vs. Actual
October 2018 through February 2019

	Oct '18 - Feb 19	Budget	\$ Over Budget	% of Budget
Income				
3110000 · Ad Valorem Taxes	1,776,568.03	1,969,800.00	-193,231.97	90.2%
3341000 · State Grant-General Government	0.00			
3611000 · Interest	13,956.44	24,000.00	-10,043.56	58.2%
3640000 · Disposition of Capital Assets	0.00	4,000.00	-4,000.00	0.0%
3699000 · Other Miscellaneous Revenue	0.00	2,000.00	-2,000.00	0.0%
3699300 · Insurance Recoveries	1,204.63			
4210000 · Beginning Fund Balance	0.00	1,473,240.00	-1,473,240.00	0.0%
Total Income	1,791,729.10	3,473,040.00	-1,681,310.90	51.6%
Gross Profit	1,791,729.10	3,473,040.00	-1,681,310.90	51.6%
Expense				
5371000 · Personnel Services	431,887.34	1,026,000.00	-594,112.66	42.1%
5372000 · Benefits	242,724.28	662,500.00	-419,775.72	36.6%
5373100 · Operating Expenses	26,934.09	82,000.00	-55,065.91	32.8%
5374000 · Travel and Per Diem	1,239.67	5,000.00	-3,760.33	24.8%
5374100 · Communications Services	3,957.37	9,000.00	-5,042.63	44.0%
5374200 · Freight & Postage Services	253.61	500.00	-246.39	50.7%
5374300 · Utilities	13,668.23	32,000.00	-18,331.77	42.7%
5374400 · Rentals and Leases	410.23	2,000.00	-1,589.77	20.5%
5374500 · Insurance	38,772.50	60,000.00	-21,227.50	64.6%
5374600 · Repairs & Maintenance	20,002.17	37,000.00	-16,997.83	54.1%
5374800 · Promotional Activities	349.07			
5374900 · Other Current Charges	5,949.50	23,000.00	-17,050.50	25.9%
5375100 · Office Supplies	490.18	5,000.00	-4,509.82	9.8%
5375210 · Gasoline/Oil/Lube	5,096.71	17,000.00	-11,903.29	30.0%
5375220 · Chemicals	61,584.52	150,000.00	-88,415.48	41.1%
5375230 · Protective Devices	679.48	4,000.00	-3,320.52	17.0%
5375240 · Miscellaneous Supplies	11,863.00	31,000.00	-19,137.00	38.3%
5375241 · Small Tools	48.79			
5375250 · Tools & Implements	0.00	500.00	-500.00	0.0%
5375400 · Books-Pubs-Subs-Member	4,812.23	9,500.00	-4,687.77	50.7%
5375500 · Training	3,176.28	6,500.00	-3,323.72	48.9%
5376000 · Capital Outlay	2,210.88	70,000.00	-67,789.12	3.2%
5378900 · Contingency	0.00	20,000.00	-20,000.00	0.0%
5629999 · Reserves - Budget Use Only	0.00	1,220,540.00	-1,220,540.00	0.0%
Total Expense	876,110.13	3,473,040.00	-2,596,929.87	25.2%
Net Income	915,618.97	0.00	915,618.97	100.0%

Lee County Hyacinth Control District
AD VALOREM TAX COLLECTIONS 2018 - 2019 FISCAL YEAR
CURRENT AND LAST 5 FISCAL YEARS COLLECTION ANALYSIS

As of February 28 of each year

Fiscal Year	Gross Ad Valorem Taxes Collected	% Change in Gross Ad Valorem Taxes Collected Increase/-Decrease	Prior Year Ad Valorem Taxes	Penalties, Refunds & Corrections and Other	Discounts	Commissions	Net Ad Valorem Taxes Collected	% Change in Net Ad Valorem Taxes Collected Increase/-Decrease	Budget (Net)	% of Net Collections to Budget
2019 Actual	1,901,394.87	-0.12%	306.65	(565.50)	(73,011.37)	(36,382.78)	1,791,741.87	-0.08%	1,969,800	90.96%
Net increase year-over-year (cash basis)							105,780.96			
2018 Actual	1,792,363.48	3.29%	397.99	(2,679.94)	(69,926.36)	(34,194.26)	1,685,960.91	3.13%	2,044,000	82.48%
2017 Actual	1,735,290.70	8.68%	741.59	(309.29)	(67,819.57)	(33,144.62)	1,634,758.81	8.63%	1,885,000	86.72%
2016 Actual	1,596,686.00	1.76%	1,191.77	(214.82)	(62,228.27)	(30,486.29)	1,504,948.39	1.72%	1,745,600	86.21%
2015 Actual	1,569,090.48	2.31%	881.76	542.75	(61,041.73)	(29,985.44)	1,479,487.82	2.23%	1,721,000	85.97%
2014 Actual	1,533,651.72	2.24%	1,733.95	847.23	(59,748.44)	(29,321.87)	1,447,162.59	2.25%	1,700,238	85.12%

Comments:

COMPARISON OF ANNUAL GROSS COLLECTIONS TO DR-420 BUDGET AMOUNT

	Dr-420 Amount	Actual	Difference	Millage Rate
2019@	2,073,447.00	1,901,394.87	(172,052.13)	0.0239
2018	2,028,263.00	2,038,749.46	10,486.46	0.0248
2017	1,984,022.00	1,995,855.23	11,833.23	0.0263
2016	1,837,460.00	1,847,244.65	9,784.65	0.0263
2015	1,812,083.00	1,817,818.99	5,735.99	0.0277
2014	1,789,724.00	1,796,324.17	6,600.17	0.0291

2018 @ - The actual amount represents taxes collected through the month of the report.

Differences in budgeted gross taxes and actual gross tax collected are primarily due to the following:

The Property Appraiser may adjust the final taxable value. The DR-420 includes the taxable value through July 1 of each year. The Property Appraiser may adjust, up or down, the final taxable value.

The District receives a DR-422 after the trim process that documents the change, if any.

Taxes may not be paid. Normally the District collects unpaid taxes through an annual tax certificate sale. However, unsold tax certificates become property of the Board of County Commissioners (BoCC). The District will not collect until the taxes are paid or the BoCC calls for a tax deed sale.

Property values may change through the Property Appraiser's "Value Adjustment Board." A taxpayer may protest the assessed taxable value and a change may occur.

Lee County Hyacinth Control District
Analysis of Tax Collectors Distributions-Auditor Schedule
For year ended September 30, 2019

1973

Prepared by Client

MODIFIED ACCRUAL BASIS

As of September 30 of each year	Dist #	Taxes 311100-000-0	Prior Year Taxes 311200-000-0	Discounts 000-0	311140- Penalties 311120-000-0	Interest 361110-000-0	Commussion 000-0	522340- Refunds and Corrections 311150-000-0	Other 311160-000-0	Total Net Distribution
11/15/2018	1	45,663.29	120.29	(2,005.89)	51.59	-	(888.55)	(7.25)	-	42,933.48
11/30/2018	2	419,182.92	14.29	(16,718.36)	95.44	-	(8,053.66)	(684.32)	-	393,836.31
12/16/2018	3	1,120,395.25	79.26	(44,742.83)	185.70	-	(21,524.31)	(3.05)	-	1,054,390.02
12/30/2018	4	153,563.68	36.37	(5,696.22)	62.38	-	(2,981.36)	(13.95)	-	144,970.90
1/15/2019	5	68,721.40	16.65	(2,058.10)	39.81	-	(1,336.63)	(43.83)	-	65,339.30
2/15/2019	6	78,739.09	39.79	(1,789.95)	64.90	-	(1,595.48)	(360.33)	-	75,098.02
3/14/2019	7	-	-	-	-	-	-	-	-	-
4/15/2019	8	-	-	-	-	-	-	-	-	-
5/15/2019	9	-	-	-	-	-	-	-	-	-
6/14/2019	10	-	-	-	-	-	-	-	-	-
7/12/2019	11	-	-	-	-	-	-	-	-	-
8/9/2019	12	-	-	-	-	-	-	-	-	-
9/13/2019	13	-	-	-	-	-	-	-	-	-
10/12/2019	14	-	-	-	-	-	-	-	-	-
10/12/2019	15	-	-	-	-	-	-	-	-	-
	16	-	-	-	-	-	-	-	-	-
	17	-	-	-	-	-	-	-	-	-
	Excess fees	-	-	-	-	-	-	-	-	-
Total Modified Accrual		\$ 1,886,265.63	\$ 306.65	\$ (73,011.35)	\$ 499.82	\$ -	\$ (36,379.99)	\$ (1,112.73)	\$ -	\$ 1,776,568.03

Conversion to Cash Basis (Ad Valorem Taxes)

Reductions										
Distribution 14	10/10/2017	-	-	-	-	-	-	-	-	-
Excess Fees	10/31/2017	-	-	-	-	-	-	-	-	-
Sub-total		-	-	-	-	-	-	-	-	-
Additions										
Distribution 14	10/12/2018	91.71	-	(0.02)	47.41	-	(2.79)	-	-	136.31
Excess Fees	10/30/2018	15,037.53	-	-	-	-	-	-	-	15,037.53
		15,129.24	-	(0.02)	47.41	-	(2.79)	-	-	15,173.84
Ad Valorem Tax Revenue		\$ 1,901,394.87	\$ 306.65	\$ (73,011.37)	\$ 547.23	\$ -	\$ (36,382.78)	\$ (1,112.73)	\$ -	\$ 1,791,741.87

Conversion to Cash Basis (Interest)

Reductions										
Distribution 15	10/15/2018	-	-	-	-	-	-	-	-	-
Additions										
Distribution 15	10/15/2018	-	-	-	-	1,034.91	(51.71)	-	-	983.20
Tax Collector Interest Revenue		\$ -	\$ -	\$ -	\$ -	\$ 1,034.91	\$ (51.71)	\$ -	\$ -	\$ 983.20

January 31, 2019					
Account	LCMCD	LCHCD	Total	ECR Accounts	Earnings rate (Basis Points -BP)
SunTrust Operating	\$ 455,079.85	\$ 47,695.40	\$ 502,775.25	Yes	ECR and BP - 50
SunTrust Master 2397	2,903,343.80	237,897.40	3,141,241.20	Yes	ECR and BP - 50
SBA 322630	11,420,325.09	-	11,420,325.09	No	BP - 266
SBA 322640	-	1,074,725.40	1,074,725.40	No	BP - 266
FL-FIT	10,379,210.52	921,003.94	11,300,214.46	No	BP - 269
	<u>25,157,959.26</u>	<u>2,281,322.14</u>	<u>27,439,281.40</u>		

100 Basis Points equal 1%

FL-FIT - Florida Fixed Income Trust

SBA - State Board of Administration (Local Government Surplus Funds Trust Fund)

**Lee County Hyacinth Control District
Check Register**

Date	Num	Name	Credit
1010000 - SunTrust Checking - Operating			
02/01/2019	18895	American Petroleum Services, LLC	15.26
02/01/2019	18896	Batteries Plus	133.01
02/01/2019	18897	Ben Few & Company, Inc.	560.00
02/01/2019	18898	BENISTAR/UA-6803	2,660.00
02/01/2019	18899	Century Fence Company, Inc.	459.00
02/01/2019	18900	Century Link 88283083	100.46
02/01/2019	18901	Culligan Bottled Water	14.00
02/01/2019	18902	Dade Towel Company	100.59
02/01/2019	18903	David M Hess	280.00
02/01/2019	18904	Florida Blue (Health Ins.)	12,787.92
02/01/2019	18905	FPL Florida Power & Light Co.	1,600.38
02/01/2019	18906	Galls, LLC	368.25
02/01/2019	18907	Goodyear Auto Service Center	319.65
02/01/2019	18908	Goodyear Rubber Products, Inc.	30.28
02/01/2019	18909	Grainger, Inc.	173.98
02/01/2019	18910	Lehigh Acres Fire Control	420.44
02/01/2019	18911	Nutrien AG Solutions	7,326.00
02/01/2019	18912	Office Depot, Inc.	126.17
02/01/2019	18913	Office of the Sheriff, Lee County	22.40
02/01/2019	18914	Reliance Standard (LTD GT Vol Life)	240.92
02/01/2019	18915	Reliance Standard (STD)	254.64
02/01/2019	18916	Reliance Standard (Dental)	896.80
02/01/2019	18917	Reliance Standard (Vision)	15.28
02/01/2019	18918	Snap-On Tools	62.45
02/01/2019	18919	Supplyworks	102.93
02/01/2019	18920	United Way	20.00
02/01/2019	18921	Verizon Wireless	203.92
02/01/2019	18922	Victory Layne Chevrolet	108.90
02/08/2019	18923	Century Link 421997664	26.74
02/08/2019	18924	CR Laurence Co., Inc.	17.77
02/08/2019	18925	Culligan Bottled Water	14.56
02/08/2019	18926	ERA Environmental Resource Associ...	778.36
02/08/2019	18927	FGUA FL Governmental Utility Authority	69.21
02/08/2019	18928	FPL Florida Power & Light Co.	622.92
02/08/2019	18929	Gator Golf Cars	285.20
02/08/2019	18930	Harmon Photographers, LLC	121.80
02/08/2019	18931	New Pig Corporation	47.20
02/08/2019	18932	nexAir, LLC	16.14
02/08/2019	18933	Office Depot, Inc.	19.92
02/08/2019	18934	Securitas Security Services USA, Inc.	823.88
02/08/2019	18935	SGR Strategic Government Resorces	409.03
02/08/2019	18936	Stellar Industrial Supply, Inc.	124.92
02/08/2019	18937	United Way	20.00
02/08/2019	18938	Univar USA, Inc.	15.80
02/08/2019	18939	Verizon Wireless	290.18

**Lee County Hyacinth Control District
Check Register**

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Credit</u>
02/08/2019	18940	Victory Layne Chevrolet	35.24
02/08/2019	18941	Waste Pro - Ft. Myers	18.38
02/15/2019	18942	Century Fence Company, Inc.	107.10
02/15/2019	18943	Century Link 311181802	158.11
02/15/2019	18944	Comcast 8535 10 017 0052968	32.40
02/15/2019	18945	Fisher Scientific Company	69.18
02/15/2019	18946	GW Services of SW Florida, Inc.	462.42
02/15/2019	18947	Intercept of Florida, Inc.	20.10
02/15/2019	18948	Newterra Inc.	146.13
02/15/2019	18949	Office Depot, Inc.	14.93
02/15/2019	18950	SGR Strategic Government Resorces	347.20
02/15/2019	18951	South Florida Gas, Inc.	19.05
02/15/2019	18952	Supplyworks	32.30
02/15/2019	18953	Toshiba America Business Solutions, ...	97.11
02/15/2019	18954	Tropic Supply, Inc.	33.66
02/22/2019	18955	Advanced Disposal	68.02
02/22/2019	18956	Dell Marketing L.P.	1,340.00
02/22/2019	18957	FinishMaster, Inc.	14.71
02/22/2019	18958	Fisher Scientific Company	20.81
02/22/2019	18959	FMA Ft. Myers Automotive	41.24
02/22/2019	18960	Goodyear Auto Service Center	220.73
02/22/2019	18961	Grainger, Inc.	16.68
02/22/2019	18962	Hendry County 4-H	20.00
02/22/2019	18963	Larue Pest Management, Inc.	54.40
02/22/2019	18964	Securitas Security Services USA, Inc.	823.88
02/22/2019	18965	SGR Strategic Government Resorces	712.78
02/22/2019	18966	Scuba Quest	30.00
02/27/2019	18985	Associated Interpreters for the Deaf, Inc	
Total 1010000 · SunTrust Checking - Operating			38,063.82
TOTAL			38,063.82