

## MINUTES

### FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 19

October 19, 2018

The Board of Directors (“Board”) of Fort Bend County Levee Improvement District No. 19 (“District”) met in regular session, open to the public, on October 19, 2018, at The Muller Law Group, PLLC, 202 Century Square Boulevard, Sugar Land, Texas 77478, outside the boundaries of the District, and the roll was called of the members of the Board:

James W. Green	President
Kalapi Sheth	Vice President
Radhika Iyer	Secretary
Dean Cooper	Assistant Vice President
John Arndt	Assistant Secretary

and all of the above were present, thus constituting a quorum.

Also present at the meeting were: Uma Ramamurthy, District resident; David Beyer of Stormwater Solutions, L.P. (“SWS”); Julie Kveton of Riverstone Homeowners Association; Hilary Thibodeaux of Aptim Environmental & Infrastructure, Inc.; John Schnure of TBG Partners (“TBG”); Jeff Perry, Jimmy Thompson, and Ross Autrey of Levee Management Services, LLC; Kristy Hebert of Tax Tech, Inc.; Chad Hablinski of Costello, Inc.; Pamela Lightbody of AVANTA Services; and Nancy Carter and Tara Miles of The Muller Law Group, PLLC (“MLG”).

#### PUBLIC COMMENTS

There were no public comments.

#### REVIEW OF ACTION ITEMS

The Board reviewed a list of open action items and requested that MLG re-format the list to include completed items.

#### STORMWATER QUALITY MANAGEMENT PLAN

Mr. Beyer discussed the District’s Stormwater Management Program (“SWMP”) and the stormwater quality management requirements of the District’s municipal separate storm sewer system (“MS4”) Permit issued by the Texas Commission on Environmental Quality. He distributed and reviewed the Permit Year 5 goals and training and reviewed the Post-Construction Stormwater Management Program, copies of which are attached. He also discussed the upcoming changes of the new MS4 Permit that will be effective February 1, 2019, noting that the District will need to enter into a new SWMP at such time. After review and discussion, Director Arndt moved to adopt a Resolution Adopting Stormwater Guidance Manual (“Resolution”), incorporating all chapters that SWS has presented to the Board over the course of the Permit term, and directed that the Resolution be posted on the District’s website, along with a link to [www.cleanbayous.org](http://www.cleanbayous.org). Director Cooper seconded the motion, which passed unanimously. The Board directed SWS to maintain a map of all future stormwater pollution violations in the regional watershed. Ms. Carter

noted that MLG will publish a Notice of Adoption of Rules and Penalties in the Fort Bend Independent.

#### TAX ASSESSOR/COLLECTOR'S REPORT

Ms. Hebert presented the tax assessor/collector's report, a copy of which is attached. She reviewed the checks presented for payment from the tax account and said the 2018 property tax bills will be mailed to property owners this month. After review and discussion, Director Arndt moved to approve the tax assessor/collector's report and payment of the bills listed in the report. Director Iyer seconded the motion, which passed unanimously.

#### FINANCIAL AND BOOKKEEPING MATTERS

Ms. Lightbody presented the bookkeeper's report, including the list of bills for payment, a copy of which is attached. She noted that the Depository Pledge Agreement with Capital Bank needed to be revised to correct the bank's name. After review and discussion, Director Cooper moved to approve the bookkeeper's report and payment of the bills listed in the report. Director Iyer seconded the motion, which passed unanimously.

#### RENEWAL OF DISTRICT'S INSURANCE POLICIES

The Board reviewed a renewal proposal for the District's insurance policies from McDonald Wessendorff. Ms. Lightbody noted that the amount of the property premium for the Steep Bank Creek pump station is \$14,195.14, and the amount for the supplemental pumps is \$3,759.86, both of which will be cost-shared with Fort Bend County Levee Improvement District No. 15 ("LID 15") in accordance with the Pump Station Maintenance Agreement. The Board requested the removal of the dog park facilities from the property insurance and tabled any action, pending receipt of the revised proposal.

#### PARK AND RECREATIONAL FACILITY MATTERS

Mr. Schnure presented the landscape architect's report, a copy of which is attached.

#### EMERGENCY NOTIFICATION MONUMENT SIGNS

Mr. Schnure presented a map, a copy of which is attached, of the proposed locations for the emergency notification monument signs, noting that the locations were determined based on vehicle speed, traffic, city and developer requirements, and sight triangles. He recommended installing a double-sided LED sign in the median on LJ Parkway coming in from Sienna Springs Drive. Following review and discussion, Director Sheth moved to approve the location of the sign on LJ Parkway. Director Iyer seconded the motion, which passed by unanimous vote. The Board directed TBG to i) obtain pricing options for LED lithium and lead acid batteries as well as 24-hour and 48-hour batteries, ii) upload the construction plans into the District's Dropbox folder, iii) obtain all necessary permits from Missouri City, and iv) inform the Board when the sign area is staked.

#### POTENTIAL SIDEWALK PROJECT

Director Arndt reported on his recent meeting with Commissioner Patterson regarding a potential sidewalk along Thompson Ferry Road to Elkins High School, noting

that Commissioner Patterson suggested the Board better determine how many students will utilize the sidewalk before proceeding with the project. Director Iyer said she will discuss the matter with other residents to determine how beneficial the sidewalk would be to the District's residents.

#### DEVELOPMENT IN THE DISTRICT

No report on development was presented.

#### MOWING REPORT

No report on mowing was presented.

The Board recessed at 10:33 a.m. The Board re-convened at 10:43 a.m.

#### GENERAL OPERATIONS

Mr. Perry presented the operator's report, a copy of which is attached, and reviewed repairs and maintenance performed since the last Board meeting. Mr. Perry stated that LMS is monitoring the Brazos River levels and will provide appropriate updates via email.

Mr. Perry noted increased hog activity in Riverstone and that LID 15 is considering proposals to install hog fencing.

Mr. Perry stated that he received a report detailing which components of the Steep Bank Creek storm water pump station use the most power and that he needs to further analyze the information prior to distribution to the Board.

Following review and discussion, Director Cooper moved to accept the operator's report. Director Sheth seconded the motion, which passed by unanimous vote.

Ms. Carter stated that the District's contract with Witt O'Briens, LLC, for FEMA reimbursement claim services expires next month. After review and discussion, Director Arndt moved to authorize the execution of a letter to Witt O'Briens, extending the contract for a one-year term, terminable at any time with 30 days' notice, with a not to exceed amount of \$20,000. Director Sheth seconded the motion, which passed by unanimous vote.

Ms. Carter stated that Bugco is spraying the District for mosquitoes twice per week and that the Board may adjust the spraying frequency any time. The Board concurred not to adjust the frequency at this time.

#### EMERGENCY OPERATIONS PROJECTS

##### AUTOMATED RAINFALL AND WATER ELEVATION GAUGES

Mr. Thompson reported that Remote Monitoring Systems, LLC, is currently installing automated gauges for data collection in Sienna Plantation. He recommended that this agenda item be tabled until after the automated gauges have been installed so that LMS may present a demonstration of the automated gauges' capabilities to the Board. Mr.

Costello said he will coordinate with HATCH (formerly Shrader Engineering) for SCADA engineering services.

#### SUPPLEMENTAL PUMPS AND STORAGE

Mr. Perry stated that the supplemental pumps run-through exercise will be held on November 9, 2018, weather permitting.

Mr. Perry reported that LMS ordered the storage building kit for to house the supplemental pumps, with an anticipated installation time of 45 days.

#### VEHICULAR ACCESS IMPROVEMENTS

Mr. Hablinski reviewed a drawing of the proposed sections of the levee to be hard surfaced. Discussion ensued regarding which material, interlocking concrete blocks or fiber reinforced concrete paving, to use for the hard surfacing of the top of the levee. Mr. Hablinski discussed the advantages and disadvantages of both surface types. After review and discussion, Director Arndt moved to i) authorize Costello to advertise for bids for fiber reinforced concrete paving of the top of the levee, including a driveway as an alternate bid, and ii) adopt a Resolution Expressing Intent to Reimburse, stating that the paving project will initially be funded by the District's general operating account, to be reimbursed by future bond proceeds. Director Cooper seconded the motion, which passed unanimously.

#### EMERGENCY ACTION PLAN

Mr. Perry stated that LMS is reviewing the revised Emergency Action Plan ("EAP"), and Mr. Hablinski said he will update the EAP following their review.

#### THIRD-PARTY ENGINEERING REVIEW OF DISTRICT FACILITIES

Mr. Thibodeaux presented a draft report of Aptim's Phase 2 third-party engineering review of the District's facilities and operations, for the Board's review and comment. Mr. Perry discussed the emergency communications section of the report, noting that LMS has radios for communicating with Fort Bend County during emergency events. Director Green inquired about providing radio communication capability to the Board and other District consultants as well as internal communications. The Board requested Mr. Perry to research radio communication options.

#### REGIONAL DRAINAGE PROJECTS AND IMPROVEMENTS

##### FINANCING PLAN FOR PROPOSED PROJECTS

Ms. Carter stated that Mark Evans of Freese and Nichols will present information regarding grant funding to the Board later during the meeting.

##### STEEP BANK CREEK PUMP STATION EXPANSION PROJECT

There was no discussion on this agenda item at this time.

LOST CREEK PUMP STATION, INCLUDING 2D WATERSHED MODELING AND APTIM JOB ORDER NO. 4

Mr. Thibodeaux stated that Aptim and Costello further discussed the 2D watershed modeling software options and concurred to use the HEC-HMS and HEC-RAS modeling, and he presented Aptim's Job Order No. 4. After review and discussion, Director Cooper moved to approve Job Order No. 4. Director Sheth seconded the motion, which passed by unanimous vote.

Ms. Carter said she will prepare a term sheet for the cost share of the 2D watershed modeling and will ask First Colony Levee Improvement District if a special meeting is necessary.

WATERSHED INTERCONNECTS

Ms. Carter stated that she is drafting the Cost Sharing Agreement for the Hagerson Road Interconnect.

OTHER ENGINEERING MATTERS, INCLUDING DEEDS, EASEMENTS, AND CONSENTS TO ENCROACHMENT

There was no discussion on this agenda item.

BOND APPLICATION AND BOND ANTICIPATION NOTE

Mr. Hablinski stated that Costello circulated a draft bond application to District consultants for review.

PENDING OR POTENTIAL LITIGATION MATTERS RELATED TO DISTRICT FACILITIES OR HURRICANE HARVEY

There was no discussion on this agenda item.

COMMUNICATIONS MATTERS

Ms. Carter stated that she will work to complete the project summaries with Directors Iyer and Cooper, as previously assigned. Director Green said he will complete his project summary in one month.

Director Arndt said he requested Off Cinco to change the District's website to a secure site in order to improve visibility.

FORT BEND FLOOD MANAGEMENT ASSOCIATION ("FBFMA") AND REGIONAL PERIMETER LEVEE MATTERS

Ms. Carter stated that the FBFMA will conduct a post-Harvey seminar on October 26, 2018.

## MINUTES AND ACTION ITEMS

The Board considered approving the minutes of its September 14 and September 28, 2018, meetings. Following review and discussion, Director Arndt moved to approve the minutes as submitted. Director Cooper seconded the motion, which passed unanimously.

Ms. Miles and Ms. Carter reviewed the action items presented during the meeting.

The Board reviewed the Decision Register and directed MLG to only add items specifically designated by the Board during a meeting to the Decisions Register.

## NOVEMBER AND DECEMBER MEETING DATES

Following discussion of holiday schedules, the Board concurred to hold its November meeting on Friday, November 16, 2018, at 8:30 a.m. and its December meeting on Friday, December 14, 2018, at 8:30 a.m.

The Board recessed at 12:30 p.m.

## CONSIDERATION OF ENGINEERING PROPOSALS FOR DESIGN OF STEEP BANK CREEK PUMP STATION EXPANSION

The Board re-convened at 1:00 p.m. Darrell Groves of LID 15 and Jon Lacy of Costello joined the meeting.

Mr. Hablinski reviewed Costello's presentation for the design of the expansion of the Steep Bank Creek Pump Station ("Project"), noting Costello's recommendation to design the Project to the newly adopted Atlas 14 rainfall data.

Mr. Lacy and Mr. Hablinski left the meeting, and Steve Sheldon, Doug Harris, and Ashish Waghay of Dannenbaum Engineering joined the meeting. Crag Perry of Dannenbaum joined the meeting via teleconference.

Mr. Sheldon and Mr. Perry reviewed Dannenbaum's presentation for the design of the Project. Director Green requested that Dannenbaum provide a recommendation for a coincidental rainfall event.

The Dannenbaum representatives left the meeting, and Mike Reedy, Alan Hutson, Jason Ward, Cody Cockroft, and Hector Olmos of Freese and Nichols joined the meeting.

Mr. Reedy, Mr. Hutson, Mr. Ward, and Mr. Olmos reviewed Freese and Nichols' presentation for the design of the Project.

Following review and discussion, Director Cooper moved to authorize MLG to review and negotiate a proposal and agreement for professional engineering services from Freese and Nichols for the Project. Director Arndt seconded the motion, which carried unanimously.

There being no further business to come before the Board, the Board concurred to adjourn the meeting.



A handwritten signature in blue ink, appearing to read "R. L. ...", is written above a horizontal line.

Secretary, Board of Directors

LIST OF ATTACHMENTS TO MINUTES

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Any documents referenced in these minutes and not attached herein are retained in the District's official records in accordance with the District's Record Management Program and are available upon request.



## ACTION ITEMS LIST

1. MLG to revise open action items list.
2. MLG to publish Notice of Adoption of Rules and Penalties and send the Stormwater Guidance Manual and link to [www.cleanbayous.org](http://www.cleanbayous.org) to website administrator for posting.
3. SWS to maintain a map of MS4 violations in the regional watershed.
4. MLG to request insurance agent revise renewal proposal to remove dog park facilities from property insurance.
5. TBG to obtain pricing for monument sign on LJ Parkway.
6. TBG to upload monument sign construction plans to dropbox.
7. TBG to obtain permit from Missouri City for monument sign.
8. TBG to inform Board when monument sign area is staked.
9. Director Iyer to poll residents for utilization of sidewalk to Elkins High School.
10. LMS to analyze and send out electricity usage report to Board.
11. MLG to send extension letter to Witt O'Brien's.
12. LMS to conduct supplemental pumps exercise on November 9, 2018.
13. Costello to advertise for bids for paving of levee.
14. LMS to finalize review of EAP.
15. Board to review draft Aptim Phase 2 report and provide comments.
16. LMS to research radio communication options.
17. MLG to draft term sheet for cost share of 2D modeling and ask attorney of First Colony LID if a special meeting is necessary.
18. MLG to draft Cost Sharing Agreement for Hagerson Road Interconnect.
19. Consultants to review draft bond application.
20. Director Green to finalize his summary of the pump station expansion.
21. Director Iyer and Ms. Carter to write a summary of the levee paving and emergency signs.
22. Director Cooper and Ms. Carter to write a summary of the staff gauges.
23. MLG to revise the Decision Register.
24. Dannenbaum to provide a recommendation for a coincidental rainfall event.
25. MLG to negotiate a proposal and professional services agreement from Freese and Nichols for the design of the expansion of the Steep Bank Creek pump station.



## Stormwater Management Program (SWMP) Year 5 Goals & Training

October 17, 2018

PHII MS4 Permit - Year 5 Goals & Training

To: The Districts of Riverstone

### Post-Construction Stormwater Management in New Development & Redevelopment

- Adopt Stormwater Guidance Manual
  - Adopt Preamble
  - Adopt Post-Construction Stormwater Management Program (Chapter 4)

**Draft Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000, Small MS4 (Phase II) General Permit released August 24, 2018**

Significant, applicable changes to the TXR040000 include:

- Implementation of the MS4 Remand Rule
  - Requires language in SWMP to be "clear, specific, and measurable"
    - "as-needed," "as-deemed-appropriate," "as-necessary," "as-applicable"
- EPA's Electronic Reporting Rule
  - Electronic submittal of permit applications, waivers, and annual reports will be required by December 21, 2020 - This presents immense challenges to the TCEQ
- The permit application fee will now be \$400 instead of \$100.
- MS4 required to post its annual reports and the SWMP to its website, if the MS4 has one
- MS4 must confirm in annual reports that waterway(s) within its jurisdiction have not been added to the current Texas Integrated Report of Surface Water Quality 305(b) or 303(d)
  - If waterway has been added, the SWMP must address this within 2 years
- If certain modifications to the SWMP are necessary, permittees must submit Notice of Change (NOC)
  - In some cases, MS4 operator must give public notice of NOC
  - TCEQ will require the MS4 to post public notice to TCEQ's website ([www.tceq.texas.gov](http://www.tceq.texas.gov)) if the MS4 does not have a website.
- Written procedures for inspections
  - Illicit Discharge Detection & Elimination
  - Pollution Prevention and Good Housekeeping for Municipal Operations

**Turnkey Storm Water Pollution Control**

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# Post-Construction Stormwater Management in New Development & Redevelopment

## Post-Construction Stormwater Management Program

### Purpose

Post-construction stormwater management in areas undergoing new development or redevelopment is necessary because runoff from these areas has been shown to significantly affect receiving waterbodies. Many studies indicate that prior planning and design for the minimization of pollutants in post-construction stormwater discharges is the most cost-effective approach to stormwater quality management. Development of Structural and Non-Structural Best Management Practices (BMPs) is important in mitigating the negative effects of stormwater pollution after major construction activities have ceased. All new development or redevelopment of private or public sites that discharge into the District's municipal separate storm sewer system (MS4), which disturb one acre or more, including projects that disturb less than one (1) acre, and are part of a larger common plan of development or sale within the boundaries of this District, must follow these post-construction stormwater guidelines.

### Importance of Post-Construction Runoff Controls

There are generally two forms of substantial impacts of post-construction runoff. The first is caused by an increase in the type and quantity of pollutants in stormwater runoff. As runoff flows over areas altered by development, it picks up harmful sediment and chemicals such as oil and grease, pesticides, heavy metals, and nutrients (e.g., nitrogen and phosphorus). These pollutants often become suspended in runoff and are carried to receiving waters, such as lakes, ponds, and streams. Once deposited, these pollutants can enter the food chain through small aquatic life, eventually entering the tissues of fish and humans. The second kind of post-construction runoff impact occurs by increasing the quantity of water delivered to the waterbody during storms. Increased impervious surfaces (e.g., parking lots, driveways, and rooftops) interrupt the natural cycle of gradual percolation of water through vegetation and soil. Instead, water is collected from surfaces such as asphalt and concrete and routed to drainage systems where large volumes of runoff quickly flow to the nearest receiving water. The effects of this process include streambank scouring and downstream flooding, which often lead to a loss of aquatic life and damage to property.

## Post-Construction Stormwater Guidelines

To address post-construction runoff from new development and redevelopment projects, all projects are required to follow current (at the time of development) pollutant discharge elimination guidelines as outlined by state, federal, and local law and local development standards. Owners and/or operators of new development and redeveloped sites must design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community that protects water quality.

The Environmental Protection Agency's (EPA) "Stormwater Phase II Final Rule" requires an operator of a regulated small MS4 (in this case, the District) to develop, implement, and enforce a program to reduce pollutants in post-construction runoff to their MS4 from new development and redevelopment projects that result in the land disturbance of greater than or equal to one (1) acre. The District is required to:

- Develop and implement strategies which include a combination of structural and/or nonstructural BMPs;
- Have an ordinance or other regulatory mechanism requiring the implementation of post-construction runoff controls to the extent allowable under State, Tribal or local law;
- Ensure adequate long-term operation and maintenance of controls; and
- Determine the appropriate BMPs and measurable goals for this minimum control measure.

By implementing and enforcing these post-construction stormwater guidelines, the District can maintain a higher standard of water quality that will translate to the post-construction control of stormwater pollution. Accordingly, the District will utilize adopted regulatory mechanisms to enforce any infractions regarding stormwater structural controls that fall within its jurisdiction. Written procedures describing how the District will implement post-construction stormwater guidelines are included below.

## **Plan Review and Approval Procedures for Permanent Stormwater Quality BMPs**

All parties seeking to develop or redevelop a site that discharges into the MS4 that disturbs one (1) acre or more, including projects that disturb less than one (1) acre that are part of a larger common plan of development or sale, will be required to obtain Stormwater Quality (SWQ) plan approval from the District. The SWQ plan approval will only be issued if the District approves the plans which illustrate the structural and/or non-structural BMPs proposed for the development. The review and approval is also required for an Inspection, Operations, and Maintenance Plan (Plan) which illustrates how stormwater quality BMPs will be inspected and maintained for the life of the project. Required BMPs must be appropriate for the community and must ultimately protect water quality.

### **Inspections and Long-Term Operations and Management of Permanent SWQ BMP for Third Party Owner/Operators**

The District will require permanent record keeping for all SWQ features that have been installed. The District may require that these records be produced on a periodic basis to show proper maintenance has taken place. All structural BMPs must be maintained in accordance with the original Plan that has been approved by the District.

### **Inspections and Long-Term Operations and Maintenance of Permanent SWQ BMPs for District-Owned Facilities**

The District will develop standard operating procedures describing inspection and long term operation and maintenance of SWQ facilities within the District's jurisdiction. The standard operating procedures will require the District to develop and maintain an inventory of these SWQ facilities to define and implement an inspection process, and to define operations and maintenance activities for each these SWQ facilities.

## Post Construction Measures

Recommendations of any post-construction stormwater features will be at the discretion of the design engineer for each project. Fort Bend County encourages the use of SWQ BMPs such as floatable collection screens, wet bottom features in detention basins, and other practices. Specific BMPs should be appropriate and site specific for the type of development in the District. The approval of any post-construction stormwater features will be at the discretion of the District and their associated consultants unless required by local, state, or federal regulations. The structural and nonstructural BMPs listed below are not exhaustive, but rather are examples of effective methods for eliminating the trash and large scale pollutants associated with post-construction runoff release. The EPA recommends that small MS4 operators develop and implement these two measures in tandem. The applicant can propose alternate methods for controlling post-construction pollutants. Requested exceptions to the listed structural BMPs, will be reviewed and approved by District consultants in accordance with Part III, Section B (2) of the Permit.

### Structural BMPs

According to the EPA's "Stormwater Phase II Final Rule," Fact Sheet 2.7 (EPA 833-F-00-009), the following structural BMPs could be used to satisfy the post-construction runoff minimum control measure:

**Stormwater Retention/Detention BMPs** - Retention or detention BMPs control stormwater by gathering runoff in wet ponds, dry basins, or multichamber catch basins and slowly releasing it to receiving waters or drainage systems. These practices can be designed to both control stormwater volume and settle out particulates for pollutant removal.

**Infiltration BMPs** - Infiltration BMPs are designed to facilitate the percolation of runoff through the soil to groundwater, and, thereby, result in reduced stormwater runoff quantity and reduced mobilization of pollutants. Examples include infiltration basins/trenches, dry wells, and porous pavement.

**Vegetative BMPs** - Vegetative BMPs are landscaping features that, with optimal design and good soil conditions, remove pollutants, and facilitate percolation of runoff, thereby maintaining natural site hydrology, promoting healthier habitats, and increasing aesthetic appeal. Examples include grassy swales, filter strips, artificial wetlands, and rain gardens.

**Listed below are examples of structural BMPs recommended by Fort Bend County:**

**Bar Screens/Trash Rack Features** - Trash rack screens are effective in mitigating large scale debris and contaminants. They do not, however, provide adequate mitigation of sedimentation which is why their typical implementation is at the outfall point of sedimentation or detention basins. These basins are designed to retain stormwater and allow the sediment to filter to the bottom before discharging into local water bodies. Regular cleaning and maintenance of bar screens/trash racks will be needed to ensure proper function.

**Wet Detention Ponds/Settling Basins** - Wet detention basins and amenity lakes provide mitigation of sedimentation through settling of solids and slow release rates. Desilting of these basins should be evaluated periodically based on the sedimentation rates. Regular mowing and maintenance of side slopes and top of bank areas will be needed to ensure slope stability and minimizes soil loss into the settling basin.

**Additional examples of structural BMPs may include the following:**

**Underground Units/Oil Grit Trash Separator (OGT)** - New development or redevelopment on smaller tracts is typically best served by underground units when the required capacity will not support a settling basin feature. The units provide measurable data for collection and inspection. Regular cleaning and maintenance of OGTs will be needed to ensure proper function.

**Weirs** - For the tempered release of an amenity feature or detention pond, weir structures offer a consistent release flow and the opportunity for suspended solids to settle out. They can pose a flooding risk and do not promote the collection of trash, so should only be employed when a bar screen is not an immediate option. Regular cleaning and maintenance will be needed to ensure proper function.

**Non-Structural**

According to the EPA's "Stormwater Phase II Final Rule," Fact Sheet 2.7 (EPA 833-F-00-009), the following non-structural BMPs could be used to satisfy the post-construction runoff minimum control measure:

**Planning Procedures** - Runoff problems can be addressed efficiently with sound planning procedures. Local master plans, comprehensive plans, and zoning ordinances, as applicable, can promote improved water quality in many ways, such as guiding the growth of a community away from sensitive areas to areas that can support it without compromising water quality.

**Site-Based BMPs** - These BMPs can include buffer strip and riparian zone preservation, minimization of disturbance and imperviousness, and maximization of open space.

## Operations and Maintenance

The owner/operator of the SWQ facilities will, to the extent allowable under state, federal, and local law, ensure the long-term operation and maintenance of structural stormwater control measures installed through one or both of the following approaches:

### District-Owned Facilities:

Maintenance performed by the District. See Part III.B.5.

- (MCM 5) Maintenance of controls will be performed at a frequency determined by the District and consistent with maintaining the effectiveness of the BMP.

### Privately-Owned Facilities

Maintenance performed by the owner or operator of a new development or redeveloped site under a maintenance plan.

- The District shall require the owner or operator of any new development or redeveloped site to develop and implement a maintenance plan addressing maintenance requirements for any structural control measures installed on site. The District shall require operation and maintenance performed is documented and retained on site, such as at the offices of the owner/operator, and made available for review by the District.
- The maintenance plan must be filed in the real property records of the county in which the property is located prior to receiving final approval for connection to the District's storm sewer system.

Furthermore, inspections are to be conducted at a frequency determined by qualified personnel selected by the District, who shall document and maintain records of enforcement actions and make them available for review by the TCEQ.

## Failure to Comply

Post-construction runoff and discharges are subject to the parameters outlined in the Illicit Discharge Detection and Elimination (IDDE) chapter of the SWQ guidance manual. Any illicit discharge relating to a post-construction stormwater control will be addressed via the IDDE policies and enforced under the adopted regulatory mechanisms as outlined in the District's Rate Order, as applicable and this guidance manual.



## Part I - Introduction

### Permit Overview

The Texas Commission on Environmental Quality (TCEQ) issued the Texas Pollutant Discharge Elimination System (TPDES) General Permit Number TXR040000 (the Permit) on December 13, 2013. This Permit supersedes and replaces the TPDES General Permit No. TXR040000, issued August 13, 2007. The Permit provides authorization for stormwater and certain non-stormwater discharges from small municipal separate storm sewer systems (MS4s) to surface waters of the State.

The underlying purpose of the Permit is to require regulated small MS4s, such as the district (the District), to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of Section 402 of the Clean Water Act and Section 26.040 of the Texas Water Code.

In order to achieve these goals, the Permit requires the District to submit a Notice of Intent (NOI) and develop and manage a Stormwater Management Program (SWMP) for all stormwater discharges that reach Waters of the United States, as defined in the Clean Water Act and the Clean Water Rule, regardless of whether the discharge is conveyed through a separately operated storm sewer system. By implementing the SWMP and the selected best management practices (BMPs) in accordance with the Permit, the District will be considered meeting the standard of reducing pollutants to the MEP, and will be deemed in compliance with the Permit.

### Legal Authority

The District is a body politic and a political subdivision of the State of Texas created under the authority of Article XVI, Section 59 of the Texas Constitution and operating under and governed by the provisions of Chapters 49, 54, and 57 of the Texas Water Code, as amended. The District owns and operates a municipal separate storm sewer system as defined in the permit (the Storm Sewer System), and is considered a "Non-traditional Small MS4 Operator" as defined in the Permit. The Permit defines the District as a Level 2 MS4 and is obligated to comply with all requirements, to develop rules and regulations and to exert enforcement actions to require compliance with this SWMP. Such required compliance may be implemented by the incorporation of rules into the District's rate order (the Rate Order), if one has been adopted and/or the District's adoption the stormwater guidance manual (Stormwater Guidance Manual) via resolution of the District's Board of Directors.

## **Part II – Storm Sewer User Responsibilities**

### **Discharges to the Storm Drainage System**

The District has a stormwater management program (SWMP) in effect. The SWMP includes this Stormwater Guidance Manual with which all the users of the District's stormwater system (the Storm Sewer Users) must comply.

### **District Responsibilities**

**Illicit Discharge Inspections** – It's the District's obligation to protect the Storm Sewer System within its boundaries. The District, or representatives of the District, may perform illicit discharge inspections within the District's boundaries. Should an inspection reveal an illicit discharge of any substance to the District's stormwater conveyance system, a Notice of Violation (NOV) will be issued to the Storm Sewer User. Any violation will be subject to fines and penalties as outlined in this Stormwater Guidance Manual, as may be amended from time to time. The District, at its sole option, may have the illicit discharge remedied at the Storm Sewer Users' expense.

### **Residential User Responsibilities**

Residential Customers, as defined in the District's Rate Order, as applicable may discharge storm water flows to the curb and gutter system. Otherwise, no physical connection to the Storm Sewer System shall be made by Residential Customers without the prior written consent of the Board of Directors of the District. The Board of Directors may grant, deny, or condition such consent at its sole discretion. Physical connection to the Storm Sewer System by a Residential Customer shall at all times be subject to such terms and conditions as may be specified by the Board of Directors, if and to the extent consent is given. Physical connection to the Storm Sewer System may be made by non-Residential Customers, subject to compliance with the provisions of the District's Rate Order, as applicable.

### **Contractor Responsibilities**

Contractors providing services to the District that have the potential to discharge pollutants in stormwater runoff are required to comply with these rules and to prevent the discharge pollutants in stormwater runoff to the maximum extent practicable. These services may include, but are not limited to, business entities providing the following:

- (a) Water and wastewater operations, maintenance, and repair;
- (b) Landscaping;
- (c) Trash and solid waste management;
- (d) Painting; or
- (e) General contractors.

It is required that business entities, as appropriate: (i) contain and report spills; and (ii) comply with District stormwater control measures, good housekeeping practices and procedures, and facility specific operating procedures relating to the reduction of pollutants in stormwater.

## **Failure to Comply**

### **Construction Sites\***

Failure of each construction site operator (Construction Site Operator) to comply with these Construction Site Operator responsibilities will be considered a violation of the Rate Order and may subject the Construction Site Operator to penalties as outlined in the District's Rate Order, where applicable (in addition to all other legal remedies available to the District, including all penalties and remedies set out in the respective Rate Orders and/or the Construction General Permit (CGP) TXR150000).

\*The District reserves the right to charge the Construction Site Operator for any and all expenses incurred while inspecting or correcting the deficiencies listed in the Notice of Violation.

### **Storm Sewer Users\***

The failure of a Storm Sewer User to comply with these Storm Sewer User responsibilities will be considered a violation of the Rate Order, where applicable and may be subject the Storm Sewer User to penalties as outlined in each District's Rate Order, as applicable (in addition to all other legal remedies available to the District, including all penalties and remedies set out in the respective Rate Orders and/or the Construction General Permit (CGP) TXR150000):

\*The District reserves the right to charge the Storm Sewer User for any and all expenses incurred while inspecting or correcting the deficiencies listed in the Notice of Violation.

**A Construction Site Operator or Storm Sewer User who fails to comply with the requirements of this Guidance Manual shall be subject to the penalties described herein. Any violation of the requirements of this Guidance Manual shall be considered a violation of the District's adopted rules and may be subject to civil penalties of up to \$10,000 per violation, in accordance with Section 49.003, Texas Water Code. Each day that a violation continues shall be considered a separate violation. These penalties shall be in addition to other penalties, fees, and charges provided by the laws of the State of Texas and in addition to any other legal rights and remedies of the District as may be allowed by law.**

## **Additional Penalties for Notices of Violation**

The failure of a Storm Sewer User, including Construction Site Operators to comply with the terms of this section will be considered a violation of the respective District's Rate Order, as applicable. If such a violation occurs, or if the District determines the existence of a serious threat to the integrity of the District's waters or Storm Sewer System, the District, in its sole discretion, may, in addition to all other legal remedies available to it, including those fines, penalties, and remedies set out in this Stormwater Guidance Manual and each District's Rate Order, as applicable, immediately terminate service or, at the Storm Sewer User's sole cost and expense, install the fixtures or assemblies necessary to correct the illicit connection or unacceptable discharge. If the District terminates service in order to preserve the integrity of the District's waters or Storm Sewer System, service will be restored only when the source of the potential contamination no longer exists or until additional safeguards have been taken and all fines/penalties have been resolved. Any and all expenses associated with the enforcement of this section shall be billed to the Storm Sewer User.

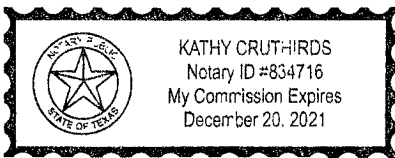
FORT BEND LEVEE IMPROVEMENT DISTRICT #19  
STATE OF TEXAS  
COUNTY OF FORT BEND

ESTHER BUENTELLO FLORES, BEING DULY SWORN, SAYS SHE IS THE TAX ASSESSOR COLLECTOR FOR THE ABOVE NAMED DISTRICT AND THAT THE FOREGOING CONTAINS A TRUE AND CORRECT REPORT ACCOUNTING FOR ALL THE TAXES COLLECTED FOR SAID DISTRICT DURING THE MONTH HEREIN STATED.



\_\_\_\_\_  
ESTHER BUENTELLO FLORES, RTA

SWORN TO AND SUBSCRIBED BEFORE ME, THIS 1<sup>ST</sup>, DAY OF OCTOBER 2018.



\_\_\_\_\_  
KATHY CRUTHIRDS  
NOTARY PUBLIC, STATE OF TEXAS  
MY COMMISSION EXPIRES 12/20/2021

SUBMITTED TO DISTRICT'S LEGAL COUNSEL \_\_\_\_\_

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT # 19  
MONTHLY TAX REPORT - ENDING: 09/30/2018**

**TAX REPORT  
CONDENSED SUMMARY**

BASE TAX COLLECTIONS

Prior Years	5,596.11	
Current Year	0.00	
<b>Total Tax Collected</b>		<b>5,596.11</b>

OTHER INCOME

Penalty & Interest	1,445.73	
DTAF Penalty	1,432.25	
Overpayments	153.52	
Rendition Penalty	0.00	
Earned Interest	15.55	
<b>Total Other Income</b>		<b>3,047.05</b>

**TOTAL INCOME:** **8,643.16**

Transfers to Bond Fund 0.00

Transfers to Road Fund 0.00

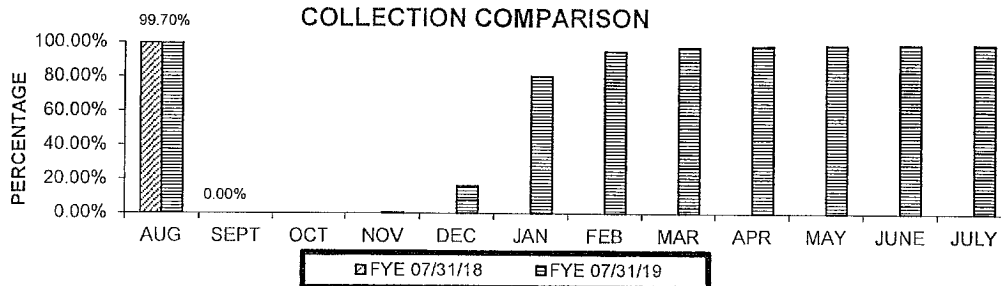
Transfers to Operating Fund 0.00

Disbursements Presented: 5 CHECK(S) 4,665.17

Current - Collection Rate: 0.00%

Last Year Collection Rate: 0.00%

***Tax Tech, Incorporated - Trusted Since 1986***



ESTHER BUENTELLO FLORES, R.T.A. - E-mail: [ebflores@taxtech.net](mailto:ebflores@taxtech.net)  
 Telephone: 281.499.1223 Fax: 281.499.1244 [www.taxtech.net](http://www.taxtech.net)  
 TAX TECH, INCORPORATED  
 12841 CAPRICORN STREET  
 STAFFORD, TX 77477

## FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT #19 - ENDING: 09/30/2018

PRIOR YEARS TAXES

Receivable at 09/30/18	\$26,418.99	
Reserve for Uncollectibles	0.00	
Adjustments since 09/30/18	0.00	
Adjustments this month		
2017 FBCAD KR#10	(520.36)	
<b>TOTAL PRIOR YEARS RECEIVABLE</b>		<b>\$25,898.63</b>
Collected since 09/30/18	0.00	
Collected this month	(5,596.11)	
<b>TOTAL COLLECTED SINCE 09/30/18</b>		<b>(5,596.11)</b>
<b>TOTAL RECEIVABLE - PRIOR YEARS</b>		<b>\$20,302.52</b>

2018 TAXES

Original 2018 Roll	4,644,183.54	
Adjustments since 09/30/18	0.00	
Adjustments this month		
2018 FBCAD KR#01	0.00	
<b>TOTAL 2018 RECEIVABLE</b>		<b>4,644,183.54</b>
Collected since 09/30/18	0.00	
Collected this month	0.00	
<b>TOTAL COLLECTED - 2018</b>		<b>0.00</b>
<b>TOTAL RECEIVABLE - 2018</b>		<b>4,644,183.54</b>
<b>TOTAL TAXES RECEIVABLE - ALL YEARS</b>		<b><u>\$4,664,486.06</u></b>

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT #19 - ENDING: 09/30/2018

CASH BALANCE AT FISCAL YEAR BEGINNING

\$58,587.57

INCOME	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	TOTAL
BASE TAX COLLECTED	10,726.22	5,596.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,322.33
PENALTY & INTEREST	1,085.69	1,445.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,531.42
DTAF PENALTY	1,430.96	1,432.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,863.21
EARNED INTEREST	20.55	15.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.10
OVERPAYMENTS	4,732.36	153.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,885.88
VOIDED CHECK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RENDITION PENALTY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESCROWED FUNDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RETURNED CHECK FEE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	17,995.78	8,643.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,638.94

26,638.94

\*\*ESCROWED FUNDS JAN 2018 \$2,300.00 WILL BE MOVED TO TAXES PAID ONCE TAX RATE SET

EXPENSES	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	TOTAL
TAX A/C CONSULTANT	2,679.60	2,679.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,359.20
TRANSFER-ROAD 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER-ROAD 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER-ROAD 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER-ROAD 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER-ROAD 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER-ROAD 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER-ROAD 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOND FUND TRANSFER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2017	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2013	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSFER: M&O 2008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OVERPAYMENT REFUND	437.58	4,294.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,732.36
PRIOR FYE: O/P	537.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	537.96
REISSUE VOIDED CHECK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAD ASSESSMENT	0.00	8,421.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,421.75
DEL TAX ATTY FEE	0.00	1,431.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,431.16
PRIOR FYE: DTAF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEGAL NOTICES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BANK CHARGES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESTIMATE OF VALUE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CERTIFICATE OF VALUE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BOND PREMIUM (1/1/2019)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RENDITION PENALTY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CONTINUING DISCLOSUR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LASER CHECK FEE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POSTAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	3,655.14	16,827.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20,482.43
Monthly Balance:	72,928.21	64,744.08	64,744.08	64,744.08	64,744.08	64,744.08	64,744.08	64,744.08	64,744.08	64,744.08	64,744.08	64,744.08	(20,482.43)

(20,482.43)

CASH BALANCE AT MONTH END:

LITIGATION REFUNDS: 2017: \$0 AND DISASER RELIEF \$222,221.78

\$64,744.08

MEETING DATE: MARCH 27, 2017

1382 \*\*VOID\*\*NGA & BRUCE VUONG 2016 O/P#2710040010392907 OVER 65 EXEMPTION \$34.00

MEETING DATE: OCTOBER 19, 2018

2010	FORT BEND INDEPENDENT	LEGAL NOTICE TAX RATE PUBLICATION INVOICE#6230	\$ 300.00
2011	MCDONALD & WESSENDORFF INS	BOND PREM - POLICY 61BSBFN5674 INV#22868 EFF: 11/30/18-11/30/19	\$ 100.00
2012	GAO LIN	REFUND 2017 O/P#6883060020280907 DISASTER RELIEF	\$ 153.52
2013	PERDUE BRANDON FIELDER COLLINS & MOTT	DELINQUENT TAX ATTORNEY FEE	\$ 1,432.05
2014	TAX TECH INCORPORATED	\$2,679.60 OCT 2018 TAX ASSESSOR FEE (2018: 2,436 ITEMS X \$1.10)	\$ 2,679.60

TOTAL DISBURSEMENTS:

\$ (4,665.17)

CHECKING ACCOUNT BALANCE: (WELLSFARGO BANK)

\$60,078.91



FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT #19 - ENDING: 09/30/2018

HISTORICAL INFORMATION

TAXABLE VALUE INFORMATION					TAX RATE INFORMATION				
Tax Year	Original Certified Value	Adjustments to Certified Value	Adjusted Assessed Value	Special Notes	Road Tax Rate	Interest & Sinking Tax Rate	Maintenance & Operations Tax Rate	Total Tax Rate	Tax Year
2018	682,968,175	0	682,968,175	PROJ VALUE \$ 693,124,917	0.1100	0.4300	0.1400	0.6800	2018
2017	671,744,493	(7,479,366)	664,265,127		0.1100	0.4300	0.1400	0.6800	2017
2016	627,031,068	27,951,455	654,982,523		0.1200	0.4500	0.1100	0.6800	2016
2015	507,771,329	43,283,725	551,055,054		0.1300	0.4800	0.1100	0.7200	2015
2014	349,829,012	66,153,768	415,982,780		0.1800	0.3500	0.2700	0.8000	2014
2013	276,984,410	26,693,370	303,677,780		0.1300	0.3600	0.3100	0.8000	2013
2012	204,066,610	16,749,077	220,815,687		0.1200	0.2400	0.4400	0.8000	2012
2011	155,730,730	10,675,760	166,406,490			0.2100	0.5900	0.8000	2011
2010	111,910,280	10,356,686	122,266,966			0.1900	0.6100	0.8000	2010
2009	88,402,047	1,835,738	90,237,785			0.3200	0.3800	0.7000	2009
2008	46,888,860	7,004	46,895,864			0.0000	0.7000	0.7000	2008
2007	8,829,630	1,088,870	9,918,500			0.0000	0.7000	0.7000	2007
2006	1,000,900	0	1,000,900			0.0000	0.7000	0.7000	2006

TAXABLE LEVY INFORMATION					BASE TAX RECEIVABLES				
Tax Year	Total Original Levy	Total Adjustments to Levy	Total Adjusted Levy	Total Base Tax Collected	Balance	Reserve for Uncollectible	Total Base Tax Receivable	Total Percent Collected	Tax Year
2018	4,644,183.54	0.00	4,644,183.54	0.00	4,644,183.54	0.00	4,644,183.54	0.00%	2018
2017	4,567,862.60	(50,859.82)	4,517,002.78	(4,507,333.98)	9,668.80	0.00	9,668.80	99.79%	2017
2016	4,263,810.82	190,069.88	4,453,880.70	(4,451,561.70)	2,319.00	0.00	2,319.00	99.95%	2016
2015	3,655,953.59	311,642.84	3,967,596.43	(3,965,452.63)	2,143.80	0.00	2,143.80	99.95%	2015
2014	2,798,632.10	529,230.14	3,327,862.24	(3,325,704.08)	2,158.16	0.00	2,158.16	99.94%	2014
2013	2,215,875.28	213,546.96	2,429,422.24	(2,427,424.48)	1,997.76	0.00	1,997.76	99.92%	2013
2012	1,632,532.88	133,992.63	1,766,525.51	(1,766,005.51)	520.00	0.00	520.00	99.97%	2012
2011	1,245,845.84	85,406.08	1,331,251.92	(1,330,731.92)	520.00	0.00	520.00	99.96%	2011
2010	895,282.24	82,853.49	978,135.73	(977,615.73)	520.00	0.00	520.00	99.95%	2010
2009	618,814.35	12,850.16	631,664.51	(631,209.51)	455.00	0.00	455.00	99.93%	2009
2008	328,222.02	49.03	328,271.05	(328,271.05)	0.00	0.00	0.00	100.00%	2008
2007	61,807.41	7,622.09	69,429.50	(69,429.50)	0.00	0.00	0.00	100.00%	2007
2006	7,006.30	0.00	7,006.30	(7,006.30)	0.00	0.00	0.00	100.00%	2006
					\$4,664,486.06	\$0.00	\$4,664,486.06	(ALL YEARS)	

MAINTENANCE TAX LEVY					M & O RECEIVABLES					
Tax Year	Total Original M & O Levy	Total Adjustments to M & O Levy	Total M & O Levy	M & O Collected	Balance	Tax Administration Budget	Reserve for M & O Uncollectible	Total M & O Receivable	Total Percent Collected	Tax Year
2018	956,155.43	0.00	956,155.43	0.00	956,155.43	0.00	0.00	956,155.43	0.00%	2018
2017	940,442.30	(10,471.14)	929,971.16	(927,980.53)	1,990.64	0.00	0.00	1,990.64	99.79%	2017
2016	689,734.10	30,746.60	720,480.70	(720,105.57)	375.13	0.00	0.00	375.13	99.95%	2016
2015	558,548.47	47,612.10	606,160.57	(605,833.04)	327.53	0.00	0.00	327.53	99.95%	2015
2014	944,538.33	178,615.17	1,123,153.51	(1,122,425.13)	728.38	0.00	0.00	728.38	99.94%	2014
2013	858,651.67	82,749.45	941,401.12	(940,626.99)	774.13	0.00	0.00	774.13	99.92%	2013
2012	897,893.08	73,695.95	971,589.03	(971,303.03)	286.00	0.00	0.00	286.00	99.97%	2012
2011	918,811.31	62,986.98	981,798.29	(981,414.79)	383.50	0.00	0.00	383.50	99.96%	2011
2010	682,652.71	63,175.79	745,828.49	(745,431.99)	396.50	0.00	0.00	396.50	99.95%	2010
2009	335,927.79	6,975.80	342,903.59	(342,656.59)	247.00	0.00	0.00	247.00	99.93%	2009
2008	328,222.02	49.03	328,271.05	(317,271.05)	11,000.00	(11,000.00)	0.00	0.00	100.00%	2008
2007	61,807.41	7,622.09	69,429.50	(69,429.50)	0.00	0.00	0.00	0.00	100.00%	2007
2006	7,006.30	0.00	7,006.30	(7,006.30)	0.00	0.00	0.00	0.00	100.00%	2006
					\$972,664.24	(\$11,000.00)	\$0.00	\$961,664.24	(ALL YEARS)	

## ROAD DEBT SERVICE TAX LEVY

## ROAD D/S RECEIVABLES

<u>Tax Year</u>	<u>Total Original ROAD D/S Levy</u>	<u>Total Adjustments to ROAD D/S Levy</u>	<u>Total ROAD D/S Levy</u>	<u>ROAD D/S Collected</u>	<u>Balance</u>	<u>Reserve for ROAD D/S Uncollectible</u>	<u>Total ROAD D/S Receivable</u>	<u>Total Percent Collected</u>	<u>Tax Year</u>
2018	751,264.98	0.00	751,264.98	0.00	751,264.98	0.00	751,264.98	0.00%	2018
2017	738,918.95	(8,227.32)	730,691.63	(729,127.56)	1,564.07	0.00	1,564.07	99.79%	2017
2016	752,437.20	33,541.74	785,978.95	(785,569.71)	409.24	0.00	409.24	99.95%	2016
2015	660,102.73	56,268.85	716,371.58	(715,984.50)	387.07	0.00	387.07	99.95%	2015
2014	629,692.22	119,076.78	748,769.00	(748,283.42)	485.59	0.00	485.59	99.94%	2014
2013	360,079.73	34,701.38	394,781.11	(394,456.48)	324.64	0.00	324.64	99.92%	2013
2012	244,879.93	20,098.89	264,978.83	(264,900.83)	78.00	0.00	78.00	99.97%	2012
					\$754,513.59	\$0.00	\$754,513.59	(ALL YEARS)	

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO 19**  
**SUMMARY OF CASH TRANSACTIONS**  
**FOR THE PERIOD SEPTEMBER 1, 2018 TO OCTOBER 19, 2018**  
(Unaudited)

		GENERAL FUND =====	CAPITAL PROJECTS FUND =====	DEBT SERVICE FUND - LEVEE =====	DEBT SERVICE FUND - ROADS =====
<b>BALANCE</b>	<b>1-Sep-2018</b>	<b>\$374,701.89</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
RECEIPTS		671.58	0.00	0.00	0.00
DISBURSEMENTS		(153,278.69)	(988.00)	(400.00)	0.00
INVESTMENT PROCEEDS		0.00	988.00	400.00	0.00
INVESTMENT PURCHASES		(1,388.00)	0.00	0.00	0.00
TRANSFERS		0.00	0.00	0.00	0.00
<b>BALANCE</b>	<b>30-Sep-2018</b>	<b>\$220,706.78</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>CURRENT MONTHS ACTIVITY:</b>					
RECEIPTS		0.00	0.00	0.00	0.00
DISBURSEMENTS		(94,364.95)	(180.00)	0.00	0.00
INVESTMENT PROCEEDS		0.00	0.00	0.00	0.00
INVESTMENT PURCHASES		0.00	0.00	0.00	0.00
TRANSFERS		0.00	0.00	0.00	0.00
<b>CURRENT CASH BALANCE</b>		<b>\$126,341.83</b>	<b>(\$180.00)</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>CURRENT INVESTMENTS</b>		<b>\$1,271,360.44</b>	<b>\$326,933.23</b>	<b>\$1,603,490.44</b>	<b>\$472,324.99</b>
<b>CASH BALANCES</b>	<b>19-Oct-2018</b>	<b>\$1,397,702.27</b>	<b>\$326,753.23</b>	<b>\$1,603,490.44</b>	<b>\$472,324.99</b>
<b>OPERATING RESERVE (1 YEAR EXP.)</b>		<b>\$961,171.00</b>			
ALLOCATE- INTERCONNECT DESIGN		\$14,240.00 [1]			
ALLOCATE- INTERCONNECT CONSTR		\$393,000.00 [1]			
ALLOCATE- HARDTOP LEVEE		\$75,000.00 [1]			
ALLOCATE- WATERSHED MODELING		\$285,000.00 [1]			
[1] TO BE REIMBURSED OUT OF BOND SALE					
<b>UNALLOCATED BALANCE</b>		<b>(\$330,708.73)</b>			
<b>SERIES 2013 BONDS (LEVEE)</b>			<b>\$9,442.87</b>		
<b>SERIES 2014 BONDS (ROADS)</b>			<b>\$12,995.36</b>		
<b>SERIES 2016 BONDS (PARK)</b>			<b>\$304,315.00</b>		
<b>FUTURE REIMB FROM CPF BOND SALE</b>		<b>\$66,219.65</b>			

**AVANTA Services**

5635 Northwest Central Drive, Suite 104E, Houston, Texas 77092  
(713) 934.9110 (713) 934.9107 Fax (713) 934.9443 pelightbody@avantaserv.com

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO 19**  
**CASH TRANSACTIONS**  
**FOR THE ONE MONTH ENDED SEPTEMBER 30, 2018**

Vendor/Customer	Document		Description	Receipts	Disbursements
	Number	Date			
<b>GENERAL FUND</b>					
FRONTIER	3036	09/11/18	281-499-0269, 09/04-10/03/18	-	73.18
4 BLDG PERMIT FEES	R003	09/17/18	4 BLDG PERMIT FEES	400.00	-
OFF CINCO	2986	09/28/18	VOID LOST CK FOR MAY 2018	225.00	-
CHECKS # 3042 - 3054 SPOILED & VOIDED					
ARNDT, JOHN	3037	09/28/18	PAYROLL - 8/24, 8/29, 9/14, 9/24/18	-	551.09
COOPER, DEAN	3038	09/28/18	PAYROLL - 8/24/18 & 9/14/18	-	296.67
GREEN, JAMES W.	3039	09/28/18	PAYROLL - 8/24/18 & 9/14/18	-	306.48
IYER, RADHIKA	3040	09/28/18	PAYROLL - 8/24/18 & 9/14/18	-	277.05
SHETH, KALAPI	3041	09/28/18	PAYROLL - 8/24, 8/29, 9/8, 9/14, 9/20, 9/24	-	883.47
PAMELA M. LOGSDON CPA	3055	09/28/18	SERVICES - JAN & FEB 2018	-	4,698.82
CAVALLO ENERGY	3056	09/28/18	6811 1/2 THOMP FERRY TO 9/13/18	-	685.77
COSTELLO INC	3057	09/28/18	GENERAL & PERMITS - AUG 2018	-	4,655.03
CYPRESS CONCEPTS	3058	09/28/18	STREET CLEANING - AUG 2018	-	588.00
FORT BEND CO. LID 15	3059	09/28/18	50% OF INTERCONNECTS	-	43,676.12
RIVERSTONE HOA	3060	09/28/18	3RD QTR 2018 MAINTENANCE	-	45,471.25
LLOYD GOSSELINK ROCHELLE TOWNS	3061	09/28/18	SERVICES THRU 8/31/18	-	216.00
LEVEE MGMT SERVICES LLC	3062	09/28/18	SERVICES: 9/15/18 - 10/15/18	-	11,019.98
McDONALD & WESSENDORFF	3063	09/28/18	INSURANCE SUPP PUMPS 7/27/18	-	5,945.00
THE MULLER LAW GROUP, PLLC	3064	09/28/18	SERVICES - SEPT 2018	-	23,509.75
OFF CINCO	3065	09/28/18	WEBSITE - MAY & AUG 2018	-	660.00
WITT O'BRIENS'S LLC	3066	09/28/18	FEMA CLAIMS - AUG 2018	-	2,386.25
YELLOWSTONE LANDSCAPE	3067	09/28/18	SERVICES - AUG 2018	-	7,367.50
BANK ACCT MAINT FEE	J027	09/17/18	BANK ACCT MAINT FEE	-	11.28
INTEREST COMPASS CK .15%	J028	09/30/18	INTEREST COMPASS CK .15%	46.58	-
<b>GENERAL FUND TOTALS</b>				<b>\$671.58</b>	<b>\$153,278.69</b>
<b>CAPITAL PROJECTS FUND</b>					
THE MULLER LAW GROUP, PLLC	3068	09/28/18	CPF-LEVEE/DRAINAGE/ROADS TO 9/21/18	-	988.00
<b>CAPITAL PROJECTS FUND TOTALS</b>				<b>\$0.00</b>	<b>\$988.00</b>
<b>DEBT SERVICE FUND - LEVEE IMPROVEMENTS</b>					
ZIONS FIRST NATIONAL BANK	3069	09/28/18	DSF - ANNUAL FEE - SER 2016	-	400.00
<b>DEBT SERVICE FUND - LEVEE TOTALS</b>				<b>\$0.00</b>	<b>\$400.00</b>
<b>DEBT SERVICE FUND - ROAD IMPROVEMENTS</b>					
<b>DEBT SERVICE FUND - ROADS TOTALS</b>				<b>\$0.00</b>	<b>\$0.00</b>

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO 19  
CASH TRANSACTIONS  
FOR THE PERIOD ENDED OCTOBER 19, 2018**

<u>Vendor/Customer</u>	<u>Document</u>		<u>Description</u>	<u>Receipts</u>	<u>Disbursements</u>
	<u>Number</u>	<u>Date</u>			
<b>GENERAL FUND</b>					
UNITED STATES TREASURY	3072	10/05/18	941 - 3RD QTR 2018	-	1,260.55
ARNDT, JOHN	3073	10/19/18	PAYROLL - 9/28/18	-	562.86
COOPER, DEAN	3074	10/19/18	PR Check FEES OF OFFICE	-	296.67
GREEN, JAMES W.	3075	10/19/18	PAYROLL - 9/28/18	-	151.60
IYER, RADHIKA	3076	10/19/18	PAYROLL - 9/28/18	-	138.52
SHETH, KALAPI	3077	10/19/18	PR Check FEES OF OFFICE	-	303.21
ASSOCIATION OF WATER BOARD	3078	10/19/18	FALL SEMINAR - ARNDT	-	95.00
COSTELLO INC	3079	10/19/18	GENERAL, PERMITS, BIR #4 - SEP 2018	-	11,112.32
CYPRESS CONCEPTS	3080	10/19/18	STREET CLEANING - SEPT & OCT 2018	-	1,176.00
FORT BEND CO. LID 15	3081	10/19/18	SWMP - 3RD QTR 18, 50% INTERCONNECT	-	2,165.82
FRONTIER	3082	10/19/18	281-499-0269, 10/4/18 - 11/3/18	-	74.87
LEVEE MGMT SERVICES LLC	3083	10/19/18	SERVICES: 10/15/18 - 11/15/18	-	16,689.33
McDONALD & WESSENDORFF	3084	10/19/18	INSURANCE 11/30/18 - 11/30/19	-	26,625.00
THE MULLER LAW GROUP, PLLC	3085	10/19/18	SERVICES- OCT 2018	-	16,176.00
OFF CINCO	3086	10/19/18	WEBSITE - SEP 2018	-	225.00
SiEnergy	3087	10/19/18	REFUND DEPOSIT - LEVEE	-	7,500.00
STEWART TITLE	3088	10/19/18	TITLE WORK - LAND CONVEYED	-	200.00
WITT O'BRIENS'S LLC	3089	10/19/18	FEMA CLAIMS - JAN,FEB,JUL,SEPT 2018	-	4,444.70
YELLOWSTONE LANDSCAPE	3090	10/19/18	TRACTOR MOW - SEPT, FALL PRUNING	-	5,167.50
<b>GENERAL FUND TOTALS</b>				<b>\$0.00</b>	<b>\$94,364.95</b>
<b>CAPITAL PROJECTS FUND</b>					
THE MULLER LAW GROUP, PLLC	3091	10/19/18	CPF-CONSTR TO 10/12/18	-	180.00
<b>CAPITAL PROJECTS FUND TOTALS</b>				<b>\$0.00</b>	<b>\$180.00</b>
<b>DEBT SERVICE FUND - LEVEE IMPROVEMENTS</b>					
<b>DEBT SERVICE FUND TOTALS</b>				<b>\$0.00</b>	<b>\$0.00</b>
<b>DEBT SERVICE FUND - ROAD IMPROVEMENTS</b>					
<b>DEBT SERVICE FUND TOTALS</b>				<b>\$0.00</b>	<b>\$0.00</b>

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 19**

**October 19, 2018**

(Unaudited)

**SUMMARY OF INVESTMENTS**

BANK	ACCT #	RATE	PURCHASE DATE	MATURITY DATE	AMOUNT
<b>GENERAL FUND</b>					
<i>MAX. INVESTMENT PERIOD - 2 YEARS</i>					
TEXPOOL	79202-0000-2	1.9953%			\$ 1,221,328.62
COMPASS BANK - MMA	2530961993	0.2500%			\$ 50,031.82
<b>TOTAL GENERAL FUND INVESTMENTS</b>					<b><u>\$1,271,360.44</u></b>

**CAPITAL PROJECTS FUND**

*MAX. INVESTMENT PERIOD - 12 MONTHS*

TEXPOOL - SERIES 2013 LEVEE	79202-0000-9	1.9953%			\$ 9,622.87
TEXPOOL - SERIES 2014 ROAD	79202-0001-0	1.9953%			\$ 12,995.36
TEXPOOL - SERIES 2016 PARK	79202-0001-1	1.9953%			\$ 304,315.00
<b>TOTAL CAPITAL PROJECTS FUND INVESTMENTS</b>					<b><u>\$326,933.23</u></b>

**DEBT SERVICE FUND**

*MAX. INVESTMENT PERIOD - 12 MONTHS*

TEXPOOL - LEVEE IMPROV	79202-0000-3	1.9953%			\$ 1,603,490.44
BBVA COMPASS - CD - LEVEE	90326003	2.3800%	27-Aug-18	27-Aug-19	\$ 241,424.47
TEXPOOL - ROAD IMPROV	79202-0000-7	1.9953%			\$ 472,324.99
<b>TOTAL DEBT SERVICE FUND INVESTMENTS</b>					<b><u>\$2,317,239.90</u></b>

**NET EFFECTIVE INTEREST RATES ON BONDS SOLD**

SERIES 2009 - \$4,260,000	5.977141%	Dated May 18, 2009 - Funded Jun.23, 2009 (LEVEE)
SERIES 2012 - \$6,500,000	4.014693%	Dated July 23, 2012 - Funded Aug 22, 2012 (ROADS)
SERIES 2012A - \$6,210,000	3.502610%	Dated Sept 24, 2012 - Funded Oct 23, 2012 (LEVEE)
SERIES 2013 - \$10,000,000	4.833757%	Dated Nov 25, 2013 - Funded Dec 19, 2013 (LEVEE)
SERIES 2014 - \$5,300,000	3.551595%	Dated Sept 22, 2014 - Funded Oct 28, 2014 (ROADS)
SERIES 2015 - \$3,420,000	3.040800%	Dated Sept 22, 2015 - Funded Dec 30, 2015 (REFUNDING)
SERIES 2016 - \$5,935,000	1.265011%	Dated June 27, 2016 - Funded Aug 24, 2016 (PARK)

**PUBLIC FUNDS INVESTMENT ACT TRAINING**

INVESTMENT OFFICER      PAMELA LOGSDON      MAY 2017

**SCHEDULE OF DEBT SERVICE PAYMENTS**

	DUE DATE	-----SEMI-ANNUAL-----			ANNUAL AMOUNT DUE
		PRINCIPAL	INTEREST	TOTAL	
FYE 2019 PAID	1-Sep-2018	2,465,000.00	579,506.25	3,044,506.25	
FYE 2019	1-Mar-2019		555,416.25	555,416.25	<u>\$3,599,922.50</u>
FYE 2020	1-Sep-2019	2,540,000.00	555,416.25	3,095,416.25	
FYE 2020	1-Mar-2020		529,869.38	529,869.38	<u>\$3,625,285.63</u>

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 19**  
**GENERAL FUND**  
**STATEMENT OF REVENUES AND EXPENDITURES**  
**FOR THE ONE AND TWO MONTHS ENDED SEPTEMBER 30, 2018**

	--Current Period-- Actual	YEAR-TO-DATE			Annual Budget
		Actual	Budget	Variance	
<b>REVENUES</b>					
PROPERTY TAX REVENUE	0	0	0	0	932,000
DEVELOPER PERMIT FEES	400	900	1,000	(100)	6,000
INTEREST ON INVESTMENTS	1,780	3,555	2,500	1,055	15,000
JOINT PUMP STATION REIMB.	0	0	7,385	(7,385)	29,539
<b>TOTAL REVENUES</b>	<b>2,180</b>	<b>4,455</b>	<b>10,885</b>	<b>(6,430)</b>	<b>982,539</b>
<b>EXPENDITURES</b>					
<b>PROFESSIONAL FEES</b>					
AUDITING FEES	0	0	0	0	14,000
LEGAL FEES - GENERAL	13,646	19,622	24,000	(4,378)	144,000
LEGAL FEES - CONSTRUCTION	0	0	0	0	0
LEGAL FEES - OTHER (HARVEY)	(6,961)	4,843	14,000	(9,157)	84,000
FINANCIAL ADVISOR FEES	0	0	0	0	0
ENGINEERING FEES - GENERAL	5,881	10,356	7,500	2,856	45,000
ENGINEERING - SPECIAL PROJECTS	4,445	4,445	24,000	(19,555)	278,000
ENGINEERING - POST HARVEY REVIEWS	0	2,386	0	2,386	139,000
<b>CONTRACTED SERVICES</b>					
ACCOUNTANT FEES	0	0	4,500	(4,500)	27,000
OPERATOR FEES	5,450	10,900	10,900	0	65,400
<b>REPAIRS, MAINTENANCE &amp; PERMITS</b>					
MAINTENANCE & REPAIRS- OPERATOR	0	1,933	5,830	(3,897)	35,000
MAINTENANCE & REPAIRS- LANDSCAPE	5,168	9,255	12,600	(3,345)	115,000
MAINTENANCE & REPAIRS- OTHER	0	0	0	0	0
MAINTENANCE - ROADS	588	1,176	1,180	(4)	7,100
LANDSCAPE MAINTENANCE FEE - HOA	30,314	30,314	30,314	0	181,885
MAINT. & REPAIRS- SPECIAL PROJECTS	1,615	1,615	0	1,615	0
WETLANDS/CONSERVATION EXPENSE	0	0	0	0	2,500
LEVEE INSPECT & CERTIFICATION	0	0	0	0	0
PERMIT FEES	0	0	0	0	0
STORMWATER COMPLIANCE & PERMIT	995	995	1,095	(100)	4,375
DEVELOPER PERMIT FEES	240	570	600	(30)	3,600
<b>JOINT PUMP STATION OPERATIONS</b>					
OPERATOR FEES- PUMP STATION	0	723	830	(108)	5,000
OPERATOR FEES- SUPP. PUMPS	0	1,020	0	1,020	0
MAINTENANCE - PUMP STATION	3,835	11,900	1,670	10,230	10,000
MAINTENANCE - SUPP. PUMPS	0	7,816	7,275	541	10,000
UTILITIES - PUMP STATION	686	3,518	5,000	(1,482)	17,500
LEGAL FEES - PUMP ST	563	563	0	563	0
TELEPHONE - PUMP STATION	73	146	170	(24)	1,000
INSURANCE - PUMP STATION	0	0	0	0	10,000
ACCOUNTANT FEES - PUMP STATION	0	0	200	(200)	800

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 19**  
**GENERAL FUND**  
**STATEMENT OF REVENUES AND EXPENDITURES**  
**FOR THE ONE AND TWO MONTHS ENDED SEPTEMBER 30, 2018**

	--Current Period-- Actual	YEAR-TO-DATE			Annual Budget
		Actual	Budget	Variance	
<b>ADMINISTRATIVE EXPENSES</b>					
DIRECTOR FEES	1,500	5,100	4,170	930	25,000
TRAVEL AND EXPENSES	97	283	1,670	(1,387)	10,000
PAYROLL TAXES	115	390	330	60	2,000
ELECTION EXPENSES	0	478	0	478	0
MEETING EXPENSES	0	0	500	(500)	3,000
PRINTING/OFFICE SUPPLIES	0	0	1,420	(1,420)	2,500
INSURANCE	0	0	0	0	9,000
PUBLIC COMM - MESSAGING / WEBSITE	225	660	1,280	(620)	7,700
LEGAL NOTICES	0	0	200	(200)	200
BANK CHARGES	29	65	80	(15)	500
DUES	0	0	0	0	8,650
<b>TOTAL EXPENDITURES FROM OPERATIONS</b>	<b>68,503</b>	<b>131,072</b>	<b>161,314</b>	<b>(30,242)</b>	<b>1,268,710</b>
<b>EXCESS REVENUES (EXP) FROM OPERATIONS</b>	<b>(66,323)</b>	<b>(126,617)</b>	<b>(150,429)</b>	<b>23,812</b>	<b>(286,171)</b>
GOVT AGENCY CONTRIBUTION	0	0	0	0	0
TRANSFER FROM CAP PROJECTS FUND	0	0	0	0	0
PARK IMPROVEMENTS	0	0	0	0	0
FUTURE CPF REIMB FROM BOND SALE	(22,544)	(22,544)	0	(22,544)	0
CAPITAL OUTLAY - CONSTR / FACILITIES	0	0	0	0	(100,000)
CAPITAL OUTLAY - ROADS	0	0	0	0	0
CAPITAL OUTLAY - LAND	0	0	0	0	0
<b>EXCESS REVENUES (EXPENDITURES)</b>	<b>(88,867)</b>	<b>(149,161)</b>	<b>(150,429)</b>	<b>1,268</b>	<b>(386,171)</b>



**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO 19  
UTILITY BILLINGS**

**FOR THE CURRENT YEAR THRU SEPTEMBER 28, 2018**

<u>SERVICE PROVIDER</u>	<u>BILLING START DATE</u>	<u>BILLING END DATE</u>	<u>CONSUMPTION KWH</u>	<u>INVOICE CHARGE</u>
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JOINT PUMP STATION AT 6811 1/2 THOMPSON FERRY RD, SUGARLAND TX 77449

FISCAL YEAR 2016 TOTALS			<u>208,597</u>	\$ <u>54,805.86</u>
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FISCAL YEAR 2017 TOTALS			<u>101,164</u>	\$ <u>33,859.28</u>
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STARTEX	07/27/17	08/28/17	25,345	\$ 4,773.44
STARTEX	08/29/17	09/26/17	94,323	\$ 9,508.75
STARTEX	09/27/17	10/26/17	8,117	\$ 3,415.40
STARTEX	10/27/17	11/27/17	8,237	\$ 3,558.31
STARTEX	11/28/17	12/26/17	7,492	\$ 3,517.11
STARTEX	12/27/17	01/24/18	7,792	\$ 3,260.69
STARTEX	01/25/18	02/14/18	5,219	\$ 2,379.10
STARTEX	02/15/18	03/15/18	7,132	\$ 3,100.66
STARTEX	03/16/18	04/16/18	8,038	\$ 3,275.12
CAVALLO	04/17/18	05/15/18	7,355	\$ 2,844.80
CAVALLO	05/16/18	06/14/18	5,902	\$ 2,779.47
CAVALLO	06/15/18	07/16/18	5,823	\$ 2,754.93

FISCAL YEAR 2018 TOTALS			<u>190,775</u>	\$ <u>45,167.78</u>
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CAVALLO	07/17/18	08/14/18	7,434	\$ 2,831.92
CAVALLO	08/15/18	09/13/18	6,905	\$ 685.77

FISCAL YEAR 2019 TOTALS			<u>14,339</u>	\$ <u>3,517.69</u>
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**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 19**  
**QUARTERLY INVESTMENT REPORT**  
 September 30, 2018

BANK/ TYPE OF SECURITY	ID #	RATE	PURCHASE DATE	MATURITY DATE	MARKET VALUE 30-Jun-18	PURCHASE BOOK VALUE 30-Jun-18	PURCHASES	MATURITIES	PURCHASE BOOK VALUE 30-Sep-18	MARKET VALUE 30-Sep-18	PAR AMOUNT	ACCRUED INTEREST THRU 30-Sep-18
<b>CAPITAL PROJECTS FUND</b>												
TEXPOOL - SERIES 2013 (LEVEE)	79202-0000-9	1.9953%	-	-	10,612.19	10,612.19	-	-	9,622.87	9,622.87	9,622.87	-
TEXPOOL - SERIES 2014 (ROAD)	79202-0001-0	1.9953%	-	-	13,515.56	13,515.56	-	-	12,995.36	12,995.36	12,995.36	-
TEXPOOL - SERIES 2016 (PARK)	79202-0001-1	1.9953%	-	-	303,255.15	303,255.15	-	-	304,315.00	304,315.00	304,315.00	-
<b>CAPITAL PROJECTS FUND TOTALS</b>					<b>327,382.90</b>	<b>327,382.90</b>	<b>0.00</b>	<b>0.00</b>	<b>326,933.23</b>	<b>326,933.23</b>	<b>326,933.23</b>	<b>0.00</b>
<b>DEBT SERVICE FUND</b>												
TEXPOOL - LEVEE IMPROVEMENTS	79202-0000-3	1.9953%	-	-	4,059,423.98	4,059,423.98	-	-	1,603,490.44	1,603,490.44	1,603,490.44	-
BBVA COMPASS BANK - CD - 1 LEVEE	90326003	1.2000%	27-Feb-18	27-Aug-18	N/A	240,000.00	-	241,424.47	0.00	N/A	N/A	-
BBVA COMPASS BANK - CD - LEVEE	90326003	2.3800%	27-Aug-18	27-Aug-19	N/A	0.00	241,424.47	-	241,424.47	N/A	N/A	551.58
TEXPOOL - ROAD IMPROVEMENTS	79202-0000-7	1.9953%	-	-	987,098.74	987,098.74	-	-	472,324.99	472,324.99	472,324.99	-
<b>DEBT SERVICE FUND TOTALS</b>					<b>5,046,522.72</b>	<b>5,286,522.72</b>	<b>241,424.47</b>	<b>241,424.47</b>	<b>2,317,239.90</b>	<b>2,075,815.43</b>	<b>2,075,815.43</b>	<b>551.58</b>
<b>GENERAL FUND</b>												
COMPASS BANK - CHECKING ACCOUNT	2514460534	0.1500%	-	-	(225,419.64)	(225,419.64)	-	-	220,706.78	220,706.78	220,706.78	-
COMPASS BANK - MMA	2530961993	0.2500%	-	-	241,403.70	241,403.70	-	-	241,501.82	241,501.82	241,501.82	-
TEXPOOL	79202-0000-2	1.9953%	-	-	1,166,454.19	1,166,454.19	-	-	1,029,858.62	1,029,858.62	1,029,858.62	-
CENTRAL BANK - CD	66000499	0.8000%	17-Jul-17	17-Jul-18	N/A	223,370.98	-	223,370.98	0.00	N/A	N/A	0.00
<b>GENERAL FUND TOTALS</b>					<b>1,182,438.25</b>	<b>1,405,809.23</b>	<b>0.00</b>	<b>223,370.98</b>	<b>1,492,087.22</b>	<b>1,492,087.22</b>	<b>1,492,087.22</b>	<b>0.00</b>
<b>TOTALS</b>					<b>\$6,556,343.87</b>	<b>\$7,019,714.85</b>	<b>\$241,424.47</b>	<b>\$464,795.45</b>	<b>\$4,136,240.35</b>	<b>\$3,894,815.88</b>	<b>\$3,894,815.88</b>	<b>\$551.58</b>

To the best of our knowledge and belief, the above investments set out in this report constitutes all invested funds of the District and comply with the investment strategy for each of the funds report, with the District's Investment Policy, and with the applicable terms of the Public Funds Investment Act.

Director  
 Fort Bend County Levee Improvement District No. 19

Pamela M. Logsdon, Investment Officer  
 Accountant for the District  
 October 18, 2018

## Deposit / Collateral Report by District

### FORT BEND COUNTY LID 19

BBVA Compass Bank

Tax ID - Pledge: 300392961-21016

Pledge Date: 10/01/2018

1st. Consultant: AAS-AVANTA ACCOUNTING SERVICES

Accounts Through: 9/28/2018 10:00 PM

2nd. Consultant:

Memo Posts Through: NO MEMO POSTS

### Deposits

#### Interest Account

<u>Acct No</u>	<u>Funds Type</u>	<u>Class</u>	<u>Balance</u>	<u>Interest</u>	<u>Total</u>
2514460534	Interest Account		\$375,675.44	\$0.00	\$375,675.44
2530961993	Interest Account		\$241,452.21	\$0.00	\$241,452.21
<b>Subtotal Interest Account</b>			<b>\$617,127.65</b>	<b>\$0.00</b>	<b>\$617,127.65</b>

#### Bond Fund

<u>Acct No</u>	<u>Funds Type</u>	<u>Class</u>	<u>Balance</u>	<u>Interest</u>	<u>Total</u>
6756956076	Bond Fund		\$241,424.47	\$551.58	\$241,976.05
<b>Subtotal Bond Fund</b>			<b>\$241,424.47</b>	<b>\$551.58</b>	<b>\$241,976.05</b>

<b>Total Deposits</b>			<b>\$858,552.12</b>	<b>\$551.58</b>	<b>\$859,103.70</b>
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### Securities

<u>Agency</u>	<u>Custodian</u>	<u>CUSIP</u>	<u>Maturity Date</u>	<u>Date Pledged</u>	<u>Units Pledged</u>	<u>Market Value</u>
FHLB-A-LO	CH	116992	10/19/2018	10/19/2017 04:12 PM	600,000	\$600,000.00
FHLB-A-LO	CH	116992	10/19/2018	04/16/2018 03:05 PM	600,000	\$600,000.00
<b>Total Securities Pledged</b>					<b>1,200,000</b>	<b>\$1,200,000.00</b>

### DEPOSIT / COLLATERAL POSITION CALCULATION

Subtotal Interest Deposits	\$617,127.65
Subtotal Non-Interest Deposits	\$0.00
Subtotal Bond Fund Deposits	\$241,976.05

<b>TOTAL DEPOSITS</b>	<b>\$859,103.70</b>
<b>LESS APPLICABLE FDIC</b>	
Subtotal Interest Deposits	\$250,000.00
Subtotal Non-Interest Deposits	\$0.00
Subtotal Bond Fund Deposits	\$241,976.05

Deposits Requiring Collateral	\$367,127.65
<b>TOTAL SECURITIES PLEDGED</b>	<b>\$1,200,000.00</b>
DEPOSIT COLLATERAL POSITION - 100%	\$832,872.35
DEPOSIT COLLATERAL POSITION - 105%	\$814,515.97

327%



Ft. Bend County LID 19  
Status Report  
October 19, 2018

7. Park and Recreational Facilities Matters

B. Emergency Notification Signs

- Presentation of location options
- Status Update

**Projects Currently In Design:** None.

**Projects for Design** TBG is requesting authorization to design and advertise for bid the following projects: None.



# LID 19 EMERGENCY NOTIFICATION SIGNS

POTENTIAL LOCATIONS



TBG



**Levee Management Services, LLC**

**Fort Bend County Levee  
Improvement District #19**

**Monthly Report**

**October 19, 2018**



## Fort Bend County LID #19

### Monthly Report

#### **Summary:**

During the previous month LMS continues to make levee and outfall structure rounds. We are also making progress taking care of active issues and moving them to the archived tab on our website for board review. Listed below are some of the items we have been addressing.

#### **Levee:**

- Trash and debris cleared from district.
- Hog damage on North levee along oxbow.

#### **Ditches/Detention:**

- Trash and debris have been cleared from drainage channels and detention areas.
- Steep Bank Creek clean up after recent rains.

#### **Pump Station:**

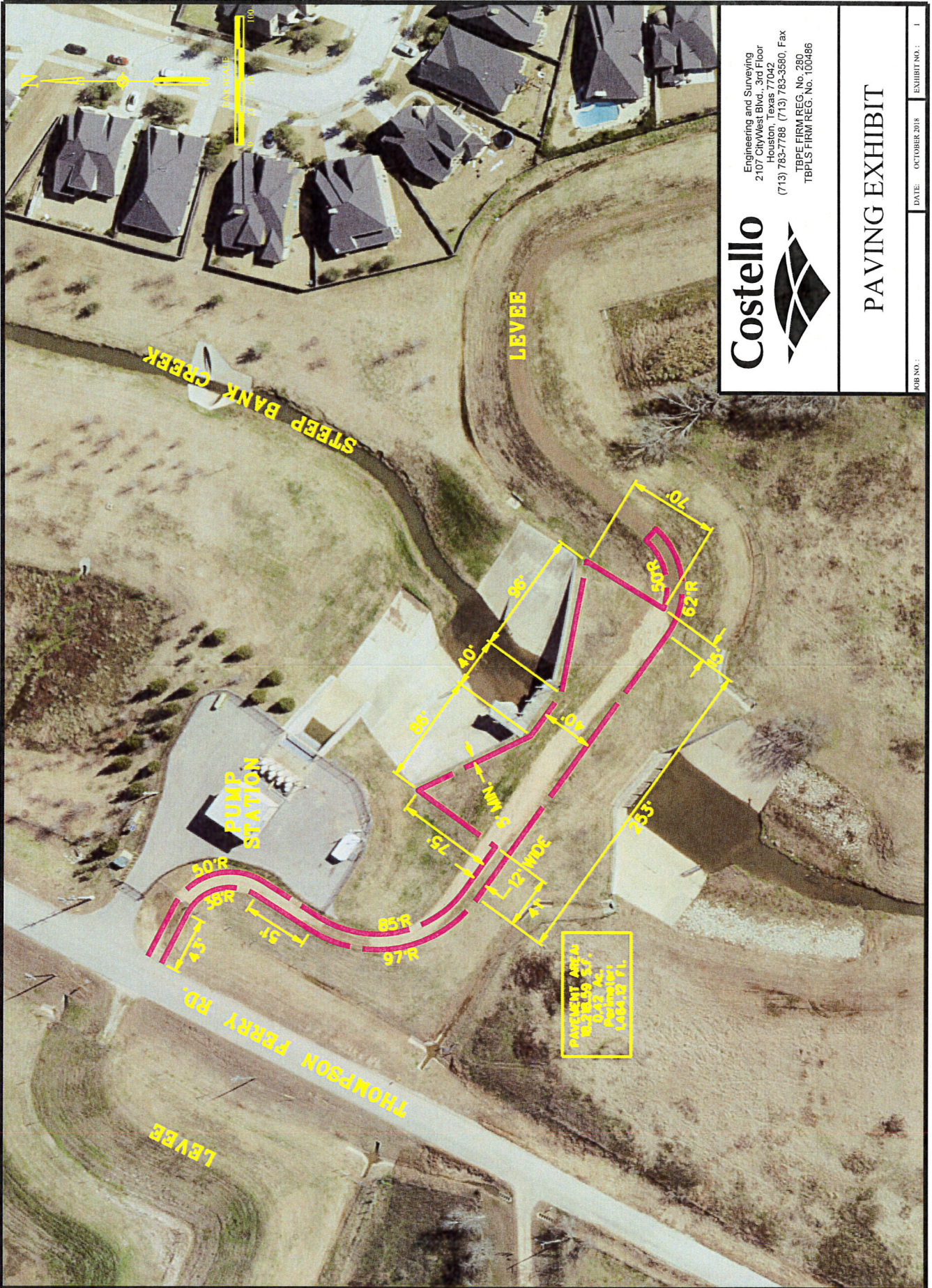
- Monthly power usage report. 30 day running total.
- Cleared concrete structure of silt and debris.
- Cleared outfall tunnels of trash and debris.

#### **Capital Improvement Projects:**

- Message boards – Discussion (TBG)
- Temporary Pumps – New set up date Nov 9<sup>th</sup>.
- Metal shade structure ordered. Construction to begin in November.
- Working with Costello on “Phase 1” of levee top hardening.
- RMS system update.

#### **Discussion Topics:**

- *FEMA documentation for TX-4332 in progress. New team meeting Friday 8/24*



**Costello**

Engineering and Surveying  
2107 CityWest Blvd., 3rd Floor  
Houston, Texas 77042  
(713) 783-7788 (713) 783-3580, Fax

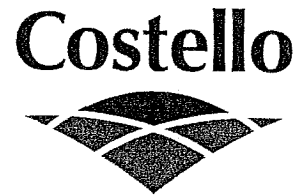
TBPE FIRM REG. No. 280  
TBPLS FIRM REG. No. 100486

DATE: OCTOBER 2018 EXHIBIT NO.: 1

JOB NO.:

**PAVING EXHIBIT**





Fort Bend County LID No. 19  
Engineer's Report  
10/19/2018

Action Item List:

11. Emergency operations projects:
  - c. Vehicular access improvements – project is included in the current version of the District Bond Issue No. 4. Exhibit prepared for pricing.
  
13. Regional Drainage Projects
  1. Steep Bank Pump Station Expansion
    - a. Base option to add 2x 20,000 gpm pumps is estimated to cost \$2.4M with LID 19 share being about \$1.1M.
  2. Lost Creek Pump Station Status
    - a. FCLID has approved moving forward with the watershed study. No progress on a pump station size or recommended improvements.
  3. University Boulevard – Watershed Interconnect Alcorn Bayou to Steep Bank Creek
    - a. Design is complete and we have received approval from Fort Bend County and the drainage district.
    - b. Estimated Construction Cost = \$492,000 (LID 19 Share: 50% = \$246,000)
  4. Hagerson Road – Watershed Interconnect Snake Slough to Steep Bank Creek (Part of Hagerson Road WSD & Paving Project)
    - a. Construction plans are out for agency review.
    - b. Estimated Construction Cost (Storm Sewer Only) = \$1,029,000 (LID 19 Share: 38.2% = \$393,000)
  
14. Revised Emergency Action Plan – Update per Director Sheth comments.
  
15. Other Engineering Matters
  1. Deeds and Easements: None this month.
  2. Misc. Items: None this month.
  3. Items to add to next agenda: None this month.

16. Bond Application Report No. 4: Draft report has been provided to the consultants for review and comment. The current size is \$7.45M and includes the following projects:
- a. Steep Bank Creek Pump Station Expansion
  - b. Snake Slough/Steep Bank Creek Interconnect
  - c. Alcorn Bayou/Steep Bank Creek Interconnect
  - d. Hard surfacing project on levee
  - e. Emergency Operations Center
  - f. Emergency Signage
  - g. Storage Building for Mobile Pumps
  - h. The Grove Detention and Mass Grading Project (Completed)
  - i. The Grove Land Costs
  - j. Steep Bank Creek Watershed Drainage Analysis
- Excluded Projects: Steep Bank Creek Area Regional Drainage Project

Presented by:  
Chad E. Hablinski, P.E.  
Costello, Inc.

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