# **MINUTES**

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

December 19, 2018

The Board of Directors ("Board") of Fort Bend County Levee Improvement District No. 15 ("District") met in regular session, open to the public, on December 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:

Darrell Groves

President

Rohit Sankholkar

Secretary

Girish Misra

Vice President/Assistant Secretary

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

Also present at the meeting were: Jeffrey Anderson, Premal Shah, and Kunal Seth, District residents; James Green of Fort Bend County Levee Improvement District No. 19; Sujeeth Draksharam of Fort Bend County Levee Improvement District No. 14; Anthea Moran of Masterson Advisors, LLC ("Masterson"); Chris Hill of 180 Messaging, Inc.; John Schnure of TBG Partners ("TBG"); Jeff Perry, Jimmy Thompson, and Ross Autrey of Levee Management Services, LLC ("LMS"); Kristy Hebert of Tax Tech, Inc.; Chad Hablinski of Costello, Inc.; Pamela Lightbody of AVANTA Services; and Nancy Carter, Kene Chinweze, and Tara Miles of The Muller Law Group, PLLC.

# PUBLIC COMMENTS

There were no public comments.

# CONVENE IN EXECUTIVE SESSION PURSUANT TO SECTION 551.074, TEXAS GOVERNMENT CODE, TO DISCUSS DIRECTOR APPOINTMENT AND PERSONNEL MATTERS

The Board convened in Executive Session, and Director Groves announced the date and time to be 4:03 p.m. on December 19, 2018.

# RECONVENE IN OPEN SESSION; CONSIDERATION OF DIRECTOR APPLICATIONS AND APPOINTMENT OF DIRECTORS FOR VACANT POSITIONS

The Board reconvened in regular session, and Director Groves announced the date and time to be 4:09 p.m. on December 19, 2018. Director Misra moved to appoint Premal Shah as director for Precinct 1 and Jeffrey Anderson as director for Precinct 3 of the Board of Directors. Director Sankholkar seconded the motion, which carried unanimously.

# ACCEPTANCE OF SWORN STATEMENTS, BONDS, AND OATHS OF OFFICE

The Board considered accepting the Sworn Statements, Bonds, and Oaths of Office for Premal Shah and Jeffrey Anderson. After review and discussion, Director Sankholkar moved to accept the Sworn Statements, Bonds, and Oaths of Office for Premal Shah and Jeffrey Anderson.

Director Misra seconded the motion, which carried unanimously.

# REORGANIZATION OF THE BOARD AND ELECT OFFICERS

The Board considered reorganization of the Board to appoint the positions of the new directors. After discussion, Director Sankholkar moved to appoint Jeff Anderson as the Assistant Secretary and Premal Shah as the Assistant Vice President and for all other positions to remain the same. Director Misra seconded the motion, which passed by unanimous vote.

# OPEN MEETINGS ACT AND PUBLIC INFORMATION ACT TRAINING REQUIREMENTS

Ms. Carter reviewed a memorandum regarding the Texas Open Meetings Act and Public Information Act training required for all new directors, noting that Director Shah has 90 days to complete such training, and that Director Anderson has already completed such training.

# CONFLICT OF INTEREST DISCLOSURE REQUIREMENTS

Ms. Carter reviewed a memorandum regarding the Conflict of Interest Disclosure Requirements Under Chapter 176 of the Texas Local Government Code and the associated disclosure forms.

# **MINUTES**

The Board considered approving the minutes of the November 14, 2018, Board meeting. After review and discussion, Director Misra moved to approve the minutes as submitted. Director Sankholkar seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# TAX ASSESSOR/COLLECTOR'S REPORT

Ms. Hebert presented the tax assessor/collector's report, a copy of which is attached. She said that 6.01% of the District's 2018 property taxes have been collected as of November 30, 2018. After review and discussion, Director Sankholkar moved to approve the tax assessor/collector's report and payment of the bills listed in the report. Director Misra seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# 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 \$435,233 surplus funds application for the Prestwick drainage improvements was approved by the Texas Commission on Environmental Quality ("TCEQ"), and such funds were moved from the capital projects fund to the general fund. She noted that the Centerpoint Energy bill for the pump station appeared to have included ratchet fees. Mr. Perry said he and the District's energy consultant, Dave Ciarella of Enhanced Energy Solutions, will meet with Centerpoint Energy to investigate the matter. After review and discussion, Director Misra moved to approve the bookkeeper's report and payment of the bills listed in the report. Director Anderson seconded the motion, which passed by a vote of four. Director Shah abstained from voting.

Directors Anderson and Shah requested a meeting with the bookkeeper and financial advisor for an overview of the financial matters of the District.

# TRAVEL REIMBURSEMENT GUIDELINES AND DIRECTOR EXPENSES FOR ASSOCIATION OF WATER BOARD DIRECTORS CONFERENCE

The Board discussed director expenses for the upcoming Association of Water Board Directors winter conference. After discussion, Director Sankholkar moved to approve the reimbursement of up to two hotel nights and fees of office for up to three days to directors who attend the conference, in accordance with the District's Travel Reimbursement Guidelines. Director Misra seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# **DEVELOPER'S REPORT**

No developer's report was presented.

# \$8,925,000 SERIES 2019 UNLIMITED TAX LEVEE IMPROVEMENT BONDS ("BONDS")

Ms. Moran reviewed the process for issuing bonds and stated that the TCEQ issued its Staff Memorandum approving the District's levee bond application. Ms. Carter distributed the cost summary from the bond application to the new directors.

# <u>APPROVE PRELIMINARY OFFICIAL STATEMENT AND OFFICIAL NOTICE OF SALE</u>

Ms. Moran reviewed the Preliminary Official Statement and Notice of Sale for the Bonds. After review and discussion, Director Misra moved to approve the Preliminary Official Statement and Official Notice of Sale. Director Sankholkar seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# APPOINT PAYING AGENT/REGISTRAR

The Board discussed appointing a Paying Agent/Registrar for the Bonds. Following review and discussion, Director Misra moved to appoint The Bank of New York Mellon Trust Company, N.A., as the Paying Agent/Registrar. Director Sankholkar seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# ENGAGE DISCLOSURE COUNSEL

The Board considered engaging disclosure counsel for the Bonds. After review and discussion, Director Misra moved to engage McCall Parkhurst & Horton as disclosure counsel for the Bonds. Director Sankholkar seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# APPOINT ESCROW AGENT

No action was necessary on this agenda item.

# AUTHORIZE AUDITOR TO PREPARE DEVELOPER REIMBURSEMENT REPORT

The Board considered authorizing the District's auditor, McGrath & Co., PLLC, to prepare the developer reimbursement report in connection with the Bonds. Following

discussion, Director Misra moved to authorize McGrath & Co., PLLC, to prepare the developer reimbursement report. Director Sankholkar seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# **DISCLOSURES FROM FINANCIAL ADVISOR**

Ms. Moran stated that Masterson includes its required disclosure statements in its services agreement with the District, so no separate disclosures for the Bonds are required.

# LANDSCAPE ARCHITECT'S REPORT

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

Mr. Schnure presented and recommended approval of Pay Estimate No. 2 in the amount of \$65,754.00 to Earth First Landscapes for the construction of sidewalk, landscape, and irrigation facilities to serve Avalon, Section 17. After review and discussion and based on the landscape architect's recommendation, Director Misra moved to approve Pay Estimate No. 2 in the amount of \$65,754.00 to Earth First Landscapes. Director Sankholkar seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting. Mr. Schnure explained that a portion of the project is private (non-reimbursable) and that he will provide a breakdown of the public versus private portions on all future pay estimates.

# U.S. ARMY CORPS OF ENGINEERS PERMIT COMPLIANCE

Ms. Carter stated that Berg Oliver does not recommend installing the wetland plantings until the spring, due to cold weather conditions.

# MOWING AND WETLANDS MAINTENANCE

Mr. Perry reported on mowing and wetlands maintenance matters, noting no action items.

# OPERATION OF DISTRICT FACILITIES

Mr. Perry presented the operator's report, a copy of which is attached, and reviewed repairs and maintenance performed since the last regular Board meeting. He reported on Brazos River levels and reported that District facilities functioned properly during the recent Brazos River event.

# PENDING FEDERAL REIMBURSEMENT CLAIMS

Mr. Perry stated that discussions with the Federal Emergency Management Agency regarding the pending 2017 reimbursement claim (Hurricane Harvey) are ongoing.

# HOG FENCING

Ms. Carter said the Riverstone Homeowners Association ("HOA") requested the District's consent for the HOA to install additional hog fencing on District property, and she reviewed the location of such fencing. Following review and discussion, the Board concurred to consent to the HOA installing hog fencing on the District's property as shown on the attached map.

# STEEP BANK CREEK PUMP STATION

Ms. Perry stated that hardware repairs are necessary at the Steep Bank Creek pump station and that Fort Bend County Levee Improvement District No. 19 ("LID 19") approved a proposal from BLI Technologies in the amount of \$11,145 for such repairs. Ms. Carter stated that, in accordance with the First Amended Maintenance Agreement for Regional Pump Station, LID 19 has requested the District's consent to the repairs, to be cost-shared in accordance with the agreement.

Mr. Perry also reported that LID 19 has approved the purchase and installation of a storage building to house the supplemental pumps at the Steep Bank Creek pump station, in the amount of \$36,900. Ms. Carter stated that, in accordance with the Cost Sharing and Operating Agreement for the supplemental pumps, LID 19 has requested the District's consent to the storage building, to be cost-shared in accordance with the agreement.

Mr. Perry reported that LMS has scheduled a run-through exercise of the supplemental pumps on January 11, 2019, weather permitting.

Following review and discussion, Director Misra moved to (i) approve the operator's report and (ii) consent to the cost-shared hardware repairs at the pump station and storage building for the supplemental pumps. Director Anderson seconded the motion, which passed by a vote of four. Director Shah abstained from voting.

# **EMERGENCY OPERATIONS PROJECTS**

# **AUTOMATED GAUGES**

Mr. Perry stated that following the hardware repairs at the pump station, Remote Monitoring Systems, LLC, will visit the pump station and compile cost information for installing automated gauges, which, if approved by both districts, will cost-shared with LID 19.

# VEHICULAR ACCESS IMROVEMENTS

Mr. Hablinski reviewed a map, a copy of which is attached, of the proposed paving of a portion of LID 19's levee top to provide secondary vehicular access to the Steep Bank Creek pump station. He said that LID 19 received a low bid for paving the area adjacent to the Steep Bank Creek pump station in the amount of \$151,300. Mr. Green, on behalf of LID 19, requested that the District share in the cost of paving the levee top, both adjacent to the pump station in the amount of \$151,300 and a larger area from the pump station to LJ Parkway, estimated to cost \$460,000. Ms. Lightbody noted that the District previously budgeted \$75,000 for paving the levee near the Alcorn Bayou pump station only and did not budget for paving near the Steep Bank Creek pump station. Following discussion, the Board concurred to further review the matter and table any action until the January 3, 2019, joint Board meeting.

# **WATERSHED INTERCONNECTS**

Ms. Carter reviewed the draft Cost Sharing Agreement for the Hagerson Road Storm Sewer and Interconnect Facilities with LID 19 and Fort Bend County Municipal Utility District No. 149 ("MUD 149"). After review and discussion, Director Sankholkar moved to

approve the Cost Sharing Agreement. Director Misra seconded the motion, which passed by unanimous vote. Directors Shah and Anderson abstained from voting due to their absence at the last meeting when the agreement was first considered. Mr. Hablinski stated that bids for the Hagerson Road Interconnect will be received by MUD 149 in January.

# PRESTWICK DRAINAGE IMPROVEMENTS

Ms. Carter reported that the District's surplus funds application was approved by the TCEQ.

# REGIONAL DRAINAGE PROJECTS AND CAPITAL IMPROVEMENTS

# FINANCING PLAN FOR PROPOSED PROJECTS

There was no discussion on this agenda item.

# STEEP BANK CREEK PUMP STATION SHARED PROJECTS

Ms. Carter reviewed Freese and Nichols, Inc.'s proposed budget and scope, copies of which are attached, for the Phase 1 design of the expansion of the Steep Bank Creek pump station. The Board requested that all engineering proposals received by LID 19 for the project be uploaded to the District's Dropbox.

# OTHER ENGINEERING MATTERS

Mr. Hablinski presented and reviewed the engineer's report, a copy of which is attached.

Mr. Hablinski presented and recommended approval of Pay Estimate No. 1 in the amount of \$116,698.28 to Sonora Construction for the construction of the Hagerson Road Detention Ponds. After review and discussion and based on the engineer's recommendation, Director Sankholkar moved to approve Pay Estimate No. 1 in the amount of \$116,698.28 to Sonora Construction. Director Misra seconded the motion, which passed by a vote of three. Directors Shah and Anderson abstained from voting.

# **COMMUNICATIONS MATTERS**

Mr. Hill reported on the website posts since the last meeting and stated that he will compile a post regarding the new directors and an article on the responsibilities of a levee improvement district compared to a municipal utility district and a homeowners' association.

Mr. Hill presented a sample newsletter design and requested Board feedback on design, content, and frequency.

# FORT BEND COUNTY FLOOD MANAGEMENT ASSOCIATION AND PERIMETER LEVEE MATTERS

Ms. Carter stated that the next perimeter levee meeting is January 8, 2019.

# PENDING OR POTENTIAL LITIGATION

There was no discussion on this agenda item.

# STORMWATER QUALITY MANAGEMENT PLAN

Discussion ensued regarding silt and mud in the streets from home builders. Mr. Hablinski said that Storm Water Solutions, L.P., is addressing the matter, and Ms. Carter stated that the Riverstone municipal utility districts have also been working to address the issue with builders.

# **DISTRICT INSURANCE POLICIES**

Director Misra stated that he is scheduling a meeting with a representative of Harco Insurance.

# REGIONAL STEEP BANK CREEK WATERSHED PROJECT

Director Misra stated that he invited Sujeeth Draksharam, a director of Fort Bend County Levee Improvement District No. 14, to participate in the discussion of the proposed 2D regional watershed modeling project. Mr. Draksharam discussed the differences of a 2D model versus a 1D model and industry standards and responded to Board questions. Mr. Green discussed LID 19's position on the proposed modeling project.

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

Secretary, Board of Directors

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# LIST OF ATTACHMENTS TO MINUTES

Minutes
<u>Page</u>

tax assessor/collector's report	2
bookkeeper's report	
landscape architect's report	
operator's report	
map of additional hog fencing	
map of paving levee top	
engineer's report	

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.

4837-3962-9699, v. 1

# FORT BEND LEVEE IMPROVEMENT DISTRICT #15 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.

Cut Fr

ESTHER BUENTELLO FLORES, RTA

SWORN TO AND SUBSCRIBED BEFORE ME, THIS 1ST, DAY OF DECEMBER 2018.



Kathy Conthit

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 # 15 MONTHLY TAX REPORT - ENDING: 11/30/2018

TAX REPORT

BASE	TAX C	OLLE	CT.	IONS

Prior Years	13,887.84
Current Year	671.359.95

Total Tax Collected 6	385,24	7.79
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OTHER INCOME

Penalty & Interest 4,138.64
DTAF Penalty 3,636.04
Overpayments 172.50
Rendition Penalty 9.39
Earned Interest 41.77

Total Other Income 7,998.34

TOTAL INCOME:	693,246,13

Transfers to Bond Fund	0.00
Transfers to Road Bond Funds	0.00

Transfers to Operating Fund 0.00

Transfers to Oper Fund-Rollback	0.00
Transfers to Bond Fund-Rollback	0.00
Transfers to Road Bond-Rollback	0.00

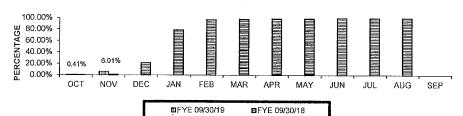
Disbursements Presented: 4 CHECK(S) 9,532.74

Current - Collection Rate: 6.01%

Last Year Collection Rate: 1.25%

# Tax Tech, Incorporated - Trusted Since 1986

# **COLLECTION COMPARISON**



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

# PRIOR YEARS TAXES

Receivable at 09/30/18 \$82,476.57

Reserve for Uncollectibles 0.00

Adjustments since 09/30/18 (3,295.98)

Adjustments this month

2017 FBCAD KR#13 (172.50)

TOTAL PRIOR YEARS RECEIVABLE \$79,008.09

Collected since 09/30/18 (6,141.24)
Collected this month (13,887.84)

TOTAL COLLECTED SINCE 09/30/18 (20,029.08)

TOTAL RECEIVABLE - PRIOR YEARS \$58,979.01

# **2018 TAXES**

Receivable at 09/30/18 11,893,145.32

Adjustments since 09/30/18 48,729.52

Adjustments this month

2018 FBCAD KR#04 34,586.20

TOTAL 2018 RECEIVABLE 11,976,461.04

Collected since 09/30/18 (48,383.26)

Collected this month (671,359.95)

TOTAL COLLECTED - 2018 (719,743.21)

TOTAL RECEIVABLE - 2018 11,256,717.83

TOTAL TAXES RECEIVABLE - ALL YEARS \$11,315,696.84

CASH BALANCE AT FISCAL YEAR BEGINNING \$95,868.95														
INCOME	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	TOTAL	
BASE TAX COLLECTED	53,006.98		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TOTAL	
PENALTY & INTEREST	1,105.97	4,138.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	738,254.77	
DTAF PENALTY	1,253.64	3,636.04	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,244.61 4,889.68	
EARNED INTEREST	18.50	41.77	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.27	
OVERPAYMENTS	6,864.11	172.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,036.61	
RENDITION PENALTY	0.00	9.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	
ESCROWED FUNDS	(43,021.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(43,021.90)	
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	
ROLLBACK TAXES	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	10 227 30	693,246.13	0.00	0.00	0.00	0.00		2.00						
TOTALS					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	712,473.43	712,473.43
Evernare			021.90 (JAN 2018											
EXPENSES	Oct-18		Dec-18	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>	Aug-19	<u>Sep-19</u>	TOTAL	
TAX A/C CONSULTANT	5,190.90	5,190.90	0.00	. 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,381.80	
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	
TRANSFER-BOND 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	
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	₫.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	
PRIOR YEARS: M&O	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	0.00	6,864.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,864,11	
PRIOR FYE - O/P'S	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	21,549.75	0.00	. 0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21,549.75	
DEL TAX ATTY FEE	0.00	1,253,64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,263.64	
PRIOR FYE: DTAF	515.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	515.98	
LEGAL NOTICES	428.40	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	428.40	
BOND \$10,000 (10/2019)	0.00	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Q.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	
CERIFICATE 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		
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	
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	
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	2,359.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
ROLLBACK TAXES: BOND		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 0.00	0.00	2,359.50	
ROLLBACK TAXES: ROAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
ROLLBACK TAXES: M & O	0.00	0.00	0.00	0.00	0.00	0.00	0.00					0,00	0.00	
	5.50	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	6,135.28	37,217.90	0.00	0.00	0.00	0.00								
TOTAL	0, 133.20	37,217.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,353.18	(43,353.18)
Monthly Relevan	108.960.97	70100000												
Monthly Balance:	108,960.97	764,989.20	764,989.20	764,989,20	764,989.20	764,989,20	764,989.20	764,989.20	764,989.20	764,989.20	764,989.20	764,989.20		
CASH BALANCE AT MONT	H END:			LITIC	<b>GATION I</b>	REFUND	S: 2017:	\$0 AS O	F 08.22	.18				\$764,989,20
DISBURSEMENTS AT:	DECEMBE	R 17, 2018												0104,003.20
1757	FORT BEN	D CENTRAL A	PPRAISAL DIS	TRICT	E	STIMATE OF V	ALUE REC #3	72 DATE 10/3	0/18		500,00		Fan 00	
				111101		ERTIFICATE C			Urio	\$		\$	530.00	
•					Ü	LIVIII IOATL C	N- VALUE AS	Jr SUr #3		•	30.00			
1758	PATEL SHE	RENDRA & KO	NCH A		20	17 O/D#E9E40	20010140007	OVED SEEVE	ADTION					
1736	PATEL SUI	KENDRA & KU	INILA		21	017 O/P#58540	20010140907	OVER 65 EXE	MP HON			\$	172.50	
47ED	DEDMIN	DANDON CC.	DED COLLEC	a MOTT	_	51 NOV								
1759	FERDUC B	MANDON FIEL	DER COLLINS	& MOTI	D	ELINQUENT T	AX ATTORNE	Y FEE				\$	3,636.04	
4700	TAV TEO:	Mooraa	TED											
1760	TAX TECH,	INCORPORA	IEU		\$5	5,194.20 DEC 2	2018 TAX ASS	ESSOR FEE (2	2018: 4,722 IT	EMS X \$1.10)		\$	5,194.20	
		•												
		•												
TOTAL DISBURSEMENTS:		,												\$ (9,532.74)

CHECKING ACCOUNT BALANCE: ( WELLS FARGO BANK ACCOUNT )

\$755,456.46

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT # 15 - ENDING: 11/30/2018

				ORICA	LINF				Marie	
TA	XABLE VAL		RMATION					FORMATION		
	Original	Adjustments	Adjusted			Road Debt Service	Interest & Sinking	Maintenance & Operations	Total Tax	Tax
Tax <u>Year</u>	Certified Value	to Certified Value	Assessed Value	Special Notes		Tax Rate	Tax Rate	Tax Rate	Rate	Year
2018	1,918,249,208	13,438,320	1,931,687,528	PROJ VALUE \$1,929	339 4B8	0.09210	0,40790	0.120	0.620	2018
				1 NOS VALOE \$1,525	,,000,,400	0.13500	0.41500	0,140	0.690	2017
2017	1,658,686,335	92,558,149	1,751,244,484				0.56000	0.090	0.730	2016
2016	1,359,343,954	105,354,366	1,464,698,320			0.08000				
2015	1,028,500,379	73,731,677	1,102,232,056			0.22339	0.45661	0.070	0.750	2015
2014	616,068,791	72,111,936	688,180,727			0.24885	0.32115	0.230	0.800	2014
2013	435,783,326	21,274,087	457,057,413			0,23803	0.41197	0.150	0.800	2013
2012	325,375,912	19,060,393	344,436,305			0.1500	0.500	0.150	0.800	2012
2011	304,838,434	6,214,237	311,052,671			0.000	0.650	0.150	0.800	2011
2010	243,164,582	34,326,922	277,491,504			0.000	0,694	0.106	0.800	2010
2009	222,074,900	15,267,350	237,342,250			0.000	0.600	0.100	0.700	2009
2008	178,341,096	(22,000)	178,319,096			0.000	0.600	0.100	0.700	2008
2007	118,371,430	13,880,240	132,251,670			0.000	0.430	0.270	0.700	2007
2006	45,785,110	30,008,756	75,793,866			0.000	0.000	0.700	0.700	2006
2005	8,382,790	612,500	8,995,290		•	0.000	0.000	0.700	0.700	2005
2004	1,927,010	0	1,927,010			0.000	0.000	0.600	0.600	2004
TA	XABLE LE	VY INFOR	MATION				BAS			
т	Total	Total	Total	Total Base Tax			Reserve for	Total Base Tax	Total Percent	Tax
Tax <u>Year</u>	Original <u>Levy</u>	Adjustments to Levy	Adjusted <u>Levv</u>	<u>Collected</u>	Balance		Uncollectible	Receivable	Collected	Year
2018	11,893,145.32	83,315.72	11,976,461.04	(719,743.21)	11,256,717.83		0.00	11,256,717.83	6.01%	2018
2017	11,444,935.15	638,651.15	12,083,586.30	(12,054,082.17)	29,504.13		0.00	29,504.13	99.76%	2017
2016	9,923,210.08	769,086.89	10,692,296.97	(10,683,570.64)	8,726.33		0.00	8,726.33	99.92%	2016
2015	7,713,753.34	552,987.66	8,266,741.00	(8,260,876.05)	5,864.95		0.00	5,864.95	99.93%	2015
2014	4,928,550.34	576,895.48	5,505,445.82	(5,500,517.66)	4,928.16		0.00	4,928.16	99.91%	2014
2013	3,486,266.61	170,192.70	3,656,459.31	(3,651,338.99)	5,120.32		0.00	5,120.32	399.86%	2013
2012	2,603,007.31	152,483.15	2,755,490.46	(2,750,655.34)	4,835.12		0.00	4,835.12	99.82%	2012
2012	2,438,707.47	49,713.90	2,488,421.37	(2,488,421.37)	0.00		0.00	0.00	100.00%	2011
2010	1,945,316.66	274,615.38	2,219,932.04	(2,219,932.04)	0.00		0.00	0.00	100.00%	2010
2009	1,554,524.30	106,871.45	1,661,395.75	(1,661,395.75)	0.00		0.00	0.00	100,00%	2009
2008	1,248,387.67	(154.00)	1,248,233.67	(1,248,233.67)	0.00		0.00	0.00	100.00%	2008
2007	828,600.01	97,161.68	925,761.69	(925,761.69)	0.00		0.00	0.00	100.00%	2007
2006	320,495.77	210,061.29	530,557.06	(530,557.06)	0.00		0.00	0.00	100.00%	2006
2005	58,679.53	4,287.50	62,967.03	(62,967.03)	0.00		0,00	0.00	100.00%	2005
2003	11,562.06	0.00	11,562.06	. (11,562.06)	0.00		0.00	0.00	100.00%	2004
2004	11,502,00	0,00	11,002.00	. (11,552.65)	11,315,696.84		0.00	11,315,696.84		
	MAINTENA	VCE TAX	LEVY		,,-		M		VABLES	
	Total	Total	Total			Tax	Reserve	Total	Total	
Tax	Original	Adjustments	M & O	M & O	Delance	Administration	for M & O Uncollectible	M & O Receiv <u>able</u>	Percent Collected	Tax
Year	M & O Levy	to M & O Levy	<u>Levy</u>	Collected	Balance	<u>Budget</u> 0.00	0.00	2,178,719.58	6.01%	<u>Year</u> 2018
2018	2,301,899.09	16,125.62	2,318,024.72	(139,305.14)	2,178,719.58 5,986.35	0.00	0.00	5,986.35	99.76%	2017
2017	2,322,160.76	129,581.39	2,451,742.15	(2,445,755.80) (1,317,152.54)	1,075.85	0.00	0.00	1,075.85	99.92%	2017
2016	1,223,409.46	94,818.93	1,318,228.39	(1,317,152.54)	547.40	0.00	0.00	547.40	99.93%	2015
2015	719,950.31	51,612.18	771,562.49	, , ,		0.00	0.00	1,416.85	99.91%	2013
2014	1,416,958.22	165,857.45	1,582,815.67	(1,581,398.83)	1,416.85		0.00	960.06	99.86%	
2013	653,674.99	31,911.13	685,586.12	(684,626.06)	960.06	0.00		906.59		2013
2012	488,063.87	28,590.59	516,654.46	(515,747.88)	906.59	0.00	0.00		99.82%	2012
2011	457,257.65	9,321.36	466,579.01	(466,579.01)	0.00	0.00	0.00	0.00	100.00%	2011
2010	257,754.46	36,386.54	294,141.00	(294,141.00)	0.00	0.00	0.00	0.00	100.00%	2010
2009	222,074.90	15,267.35	237,342.25	(237,342.25)	0.00	0.00	0.00	0.00	100.00%	2009
2008	178,341.10	(22.00)	178,319.10	(178,319.10)	0.00	0.00	0.00	0.00	100.00%	2008
2007	319,602.86	37,476.65	357,079.51	(357,079.51)	0.00	0.00	0.00	0.00	100.00%	2007
2006	320,495.77	210,061.29	530,557.06	(519,557.06)	11,000.00	(11,000.00)	0.00	0.00	100.00%	2006
2005	58,679.53	4,287.50	62,967.03	(62,967.03)	0.00	0.00	0.00	0.00	100.00%	2005
2004	11,562.06	0.00	11,562.06	(11,562.06)	0.00	0.00	0.00	0.00	100.00%	2004
					2,200,612.66	(11,000.00)	0.00	2,189,612.66	(ALL YEARS)	

R	OAD DEBT S	SERVICE TA	X LEVY			ROAD D/S RECEIVAE	BLES		
Tax <u>Year</u>	Total Original ROAD D/S LEVY	Total Adjustments to ROAD D/S LEVY	Total ROAD D/S <u>Levy</u>	ROAD D/S Collected	Balance	Reserve for ROAD D/S <u>Uncollectible</u>	Total ROAD D/S <u>Receivable</u>	Total Percent <u>Collected</u>	Tax <u>Year</u>
2018	1,766,707.55	12,376.42	1,779,083,97	(106,916.69)	1,672,167.28	0.00	1,672,167.28	6.01%	2018
2017	2,239,226.44	124,953.49	2,364,179.93	(2,358,407.38)	5,772.55	0.00	5,772.55	99.76%	2017
2016	1,087,475.08	84,283.49	1,171,758.57	(1,170,802.26)	956.31	0.00	956.31	99.92%	2016
2015	2,297,567.14	164,709.22	2,462,276.36	(2,460,529.47)	1,746.89	0.00	1,746.89	99.93%	2015
2014	1,533,087.19	179,450.55	1,712,537,74	(1,711,004.77)	1,532.97	0.00	1,532.97	99.91%	2014
2013	1,037,295.05	50,638.71	1,087,933.76	(1,086,410.27)	1,523.49	0.00	1,523.49	99.86%	2013
2012	488,063.87	28,590.59	516,654.46	(515,747.88)	906.59	0.00	906.59	99.82%	2012
					1,684,606.07	0.00	1,684,606.07	(ALL YEARS)	

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15 SUMMARY OF CASH TRANSACTIONS FOR THE PERIOD NOVEMBER 1, 2018 THROUGH DECEMBER 19, 2018

(Unaudited)

		GENERAL FUND	CAPITAL PROJECTS FUND	DEBT SERVICE FUND - LEVEE	DEBT SERVICE FUND - ROAD
BALANCE	1-Nov-2018	\$31,875.55	\$0.00	\$0.00	\$0.00
RECEIPTS DISBURSEMENT	rs	3,097.70 (87,253.87)	0.00 (6,862.50)	0.00 0.00	0.00 0.00
INVESTMENT PE		80,000.00 (6,862.50)	6,862.50 0.00	0.00 0.00	0.00 0.00
TRANSFERS		0.00	0.00	0.00	0.00
BALANCE	30-Nov-2018	\$20,856.88	\$0.00	\$0.00	\$0.00
CURRENT MONTH	HS ACTIVITY:				
RECEIPTS DISBURSEMENT	-s	659,423.00 (226,178.06)	0.00 (447,459.75)	650,000.00 0.00	173,000.00 0.00
INVESTMENT PE		0.00 (658,223.00)	435,223.00 0.00	0.00 (650,000.00)	0.00 (173,000.00)
TRANSFERS		0.00	0.00	0.00	0.00
CURRENT CASH I	BALANCE .	(204,121.18)	(12,236.75)	0.00	0.00
CURRENT INVEST	TMENTS	2,290,282.14	1,263,664.43	8,395,406.14	1,845,700.74
CASH BALANCE	S 19-Dec-2018	\$2,086,160.96	\$1,251,427.68	\$8,395,406.14	\$1,845,700.74
OPERATING RESER	VE (1 YR EXPENSES)	\$1,638,868.00			
ALLOCATED- DESIG	GN - PUMP ST & I/C	\$15,410.00			
AVAILABLE GENERA	AL FUNDS	\$431,882.96			
SERIES 2014 ROADS SERIES 2015A LEVE	E: 3: ALLOCATED TO CABRER		\$18,022.26 \$143,508.26 \$0.00 \$182,247.92 \$101,661.05 \$814,913.19 (\$8,925.00)		
DUE FUTURE LEVEE	BONDS (ISSUE 14) BONDS (PUMP ST, I/C)	\$53,198.84 \$201,656.21			

**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. 15 CASH TRANSACTIONS

Vendor/Customer

Document

Number Date

Description

Receipts

Disbursements

# FOR THE ONE MONTH ENDED NOVEMBER 30, 2018

GENERAL FUND			<del></del>		
11 BLDR PERMIT FEES	R005	11/01/18	11 BLDR PERMIT FEES	1,100.00	
GROVES, DARRELL W.	1401	11/14/18	PAYROLL - 10/17/18	-	145.06
MISRA, GIRISH C.	1402	11/14/18	PAYROLL - 10/17/18 & 10/26/18	-	290.13
SANKHOLKAR, ROHIT	1403	11/14/18	PAYROLL - 10/17/18 & 10/26/18	-	298.85
180 MESSAGING INC.	1404	11/14/18	MESSAGING - OCT & NOV 2018	-	4,000.00
BERG-OLIVER ASSOCIATES, INC.	1405	11/14/18	ENVIRO SERVICES - THRU 10/26/18	-	1,474.41
BUGCO	1406	11/14/18	MOSQUITO FOGGING - SEPT & OCT 2018		5,200.00
FORT BEND INDEPENDENT	1407	11/14/18	DIRECTOR ELECTION NOTICE	-	1,316.00
FB LID 19	1408	11/14/18	JT PUMP STATION EXP - 3RD QTR 2018	-	14,089.93
LEVEE MANAGEMENT SERVICES LLC	1409	11/14/18	SERVICES - NOV 2018	-	12,447.01
LOWER BRAZOS RIVER CONSERVANCY	1410	11/14/18	ANNUAL REPORT ON WETLANDS	-	2,500.00
McDONALD & WESSENDORFF	1411	11/14/18	INSURANCE - ADD ALCORN BAYOU PUMP ST	-	2,001.00
THE MULLER LAW GROUP, PLLC	1412	11/14/18	SERVICES THRU 11/03/2018	-	12,985.00
OFF CINCO	1413	11/14/18	WEBSITE - OCT 2018	-	385.00
STEWART TITEL COMPANY	1414	11/14/18	TITLE POLICY- LEVEE ROW	-	1,494.00
STORM WATER SOLUTIONS	1415	11/14/18	3RD QTR 2018 RIVERSTONE SWMP	-	7,963.75
WITT O'BRIEN'S , LLC	1416	11/14/18	FEMA REIMB SERV - OCT 2018	-	1,116.82
YELLOWSTONE LANDSCAPE & MAINTENANCE	1417	11/14/18	SERVICES - SEPT 2018	-	19,352.00
DELUXE	1373	11/12/18	LASER CHECK STOCK		182.50
BANK ACCT MAINT FEE	J023	11/15/18	BANK ACCT MAINT FEE	-	12.41
FB 129- REIMB 3RD QTR SWMP	R006	11/29/18	FB 129- REIMB 3RD QTR SWMP	1,990.94	-
INTEREST COMPASS CK .15%	J024	11/30/18	INTEREST COMPASS CK .15%	6.76	-
	GENER	AL FUND TO	OTALS	\$3,097.70	\$87,253.87
CAPITAL PROJECTS FUND			_		
THE MULLER LAW GROUP, PLLC	1418	11/14/18	CPF-CONSTR & ROADS THRU 11/3/18	-	3,712.50
JAHO PAVING & UTILITY CONTRACTORS	1419	11/14/18	CPF-SER15RD- RAMPS & SIDEWALKS	- :	3,150.00
	CAPITA	L PROJECT	S FUND TOTALS	\$0.00	\$6,862.50
DEBT SERVICE FUND - LEVEE IMPROV	EMENTS				
	DEBT S	ERVICE FUN	ID TOTALS	\$0.00	\$0.00
DEBT SERVICE FUND - ROAD IMPROVE			_		
DEDI GERAIOE I GIAD - KOND HALKOVE		L U distribution	_		
	DEBT S	ERVICE FUN	ND TOTALS	\$0.00	\$0.00

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15 CASH TRANSACTIONS

Vendor/Customer

Document

Number Date

Description

Receipts

Disbursements

# FOR THE PERIOD ENDED DECEMBER 19, 2018

GENERAL FUND			_		
CAVALLO ENERGY TEXAS LLC	1420	12/04/18	6019 1/2 NOWLANDS RUN		2,275.59
12 BLDR PERMIT FEES	R007	12/07/18	12 BLDR PERMIT FEES	1,200.00	-
TRF FROM TAX FUND TO GOF	J030	12/10/18	TRF FROM TAX FUND TO GOF	223,000.00	-
TRF SURPLUS FUNDS FROM SERIES 2015	J034	12/11/18	PRESTWICK PROJECT	208,319.88	-
TRF SURPLUS FUNDS FROM SERIES 2017	J035	12/11/18	PRESTWICK PROJECT	226,903.12	-
GROVES, DARRELL W.	1421	12/19/18	PAYROLL - 10/19/18 & 11/14/18	-	419.13
MISRA, GIRISH C.	1422	12/19/18	PAYROLL - 11/14/18	-	145.06
SANKHOLKAR, ROHIT	1423	12/19/18	PAYROLL - 11/14/18	-	149.42
ASSOCIATION OF WATER BOARD	1424	12/19/18	2019 ANNUAL MEMBERSHIP FEE	-	650.00
BERG-OLIVER ASSOCIATES, INC.	1425	12/19/18	ENVIRO SERVICES - THRU 11/30/18	-	625.00
BUGCO	1426	12/19/18	MOSQUITO FOGGING - OCT & NOV 2018	-	2,000.00
COSTELLO, INC.	1427	12/19/18	SERVICES THRU 11/30/18 (2 MONTHS)	-	34,232.70
CYPRESS CONCEPTS	1428	12/19/18	STREET CLEANING - NOV 2018	-	3,612.00
FORT BEND INDEPENDENT	1429	12/19/18	NOTICE- STORM WATER GUIDE	-	300.80
RIVERSTONE HOA	1430	12/19/18	PARK MAINT- 4TH QTR 2018	-	112,278.75
LEVEE MANAGEMENT SERVICES LLC	1431	12/19/18	SERVICES - DEC 2018	-	9,348.05
THE MULLER LAW GROUP, PLLC	1432	12/19/18	SERVICES THRU 12/12/18	•	16,707.66
OFF CINCO	1433	12/19/18	WEBSITE - NOV 2018	-	420.00
STEWART TITLE	1434	12/19/18	ADD CHARGE TITLE POLICY	-	4.50
YELLOWSTONE LANDSCAPE	1435	12/19/18	LEVEE, WATERWAYS & WETLANDS - OCT & NOV	-	43,009.40
US TREASURY	1438		4TH QTR 2018 PAYROLL TAXES		
CAVALLO ENERGY TEXAS LLC	1439		NEXT MONTH UTILITY INVOICE		
	OFNED	AL FUND TO	TALC.	CCEO 402 00	\$000 470 00
	GENER	AL FUND TO	TALS	\$659,423.00	\$226,178.06
CAPITAL PROJECTS FUND	GENER	AL FUND TO	TALS	\$659,423.00	\$226,178.06
CAPITAL PROJECTS FUND  TRF SURPLUS FUNDS - SERIES 2015 TO GOF	GENERA J034	12/11/18	. TALS - PRESTWICK PROJECT	\$659,423.00	\$226,178.06 208,319.88
			-	\$659,423.00 - -	
TRF SURPLUS FUNDS - SERIES 2015 TO GOF	J034	12/11/18	 PRESTWICK PROJECT	\$659,423.00 - -	208,319.88
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF	J034 J035	12/11/18 12/11/18	PRESTWICK PROJECT PRESTWICK PROJECT	\$659,423.00 - - -	208,319.88 226,903.12
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC	J034 J035 1436	12/11/18 12/11/18 12/19/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18	\$659,423.00 - - - -	208,319.88 226,903.12 3,311.75
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC	J034 J035 1436 1437	12/11/18 12/11/18 12/19/18 12/19/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18	\$659,423.00 - - - - - - - - - -	208,319.88 226,903.12 3,311.75
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC	J034 J035 1436 1437	12/11/18 12/11/18 12/19/18 12/19/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18  CPF- SER 19- TEXAS AG FEE	- - -	208,319.88 226,903.12 3,311.75 8,925.00
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC	J034 J035 1436 1437 CAPITA	12/11/18 12/11/18 12/19/18 12/19/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18  CPF- SER 19- TEXAS AG FEE	- - -	208,319.88 226,903.12 3,311.75 8,925.00
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC TEXAS ATTORNEY GENERAL	J034 J035 1436 1437 CAPITA	12/11/18 12/11/18 12/19/18 12/19/18 12/19/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18  CPF- SER 19- TEXAS AG FEE	- - -	208,319.88 226,903.12 3,311.75 8,925.00
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC TEXAS ATTORNEY GENERAL  DEBT SERVICE FUND - LEVEE IMPROV	J034 J035 1436 1437 CAPITA /EMENTS J031	12/11/18 12/11/18 12/19/18 12/19/18 L PROJECTS	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18  CPF- SER 19- TEXAS AG FEE  S FUND TOTALS  TRF FROM TAX FUND TO DSF	\$0.00	208,319.88 226,903.12 3,311.75 8,925.00 \$447,459.75
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC TEXAS ATTORNEY GENERAL  DEBT SERVICE FUND - LEVEE IMPROV	J034 J035 1436 1437 CAPITA /EMENTS J031	12/11/18 12/11/18 12/19/18 12/19/18 12/19/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18  CPF- SER 19- TEXAS AG FEE  S FUND TOTALS  TRF FROM TAX FUND TO DSF	\$0.00	208,319.88 226,903.12 3,311.75 8,925.00
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC TEXAS ATTORNEY GENERAL  DEBT SERVICE FUND - LEVEE IMPROV	J034 J035 1436 1437 CAPITA  /EMENTS J031 DEBT SI	12/11/18 12/11/18 12/19/18 12/19/18 L PROJECTS	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18  CPF- SER 19- TEXAS AG FEE  S FUND TOTALS  TRF FROM TAX FUND TO DSF	\$0.00	208,319.88 226,903.12 3,311.75 8,925.00 \$447,459.75
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC TEXAS ATTORNEY GENERAL  DEBT SERVICE FUND - LEVEE IMPROV TRF FROM TAX FUND TO DSF  DEBT SERVICE FUND - ROAD IMPROV	J034 J035 1436 1437 CAPITA  /EMENTS J031 DEBT SI	12/11/18 12/11/18 12/19/18 12/19/18 L PROJECTS 12/10/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18  CPF- SER 19- TEXAS AG FEE  S FUND TOTALS  TRF FROM TAX FUND TO DSF	\$0.00	208,319.88 226,903.12 3,311.75 8,925.00 \$447,459.75
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC TEXAS ATTORNEY GENERAL  DEBT SERVICE FUND - LEVEE IMPROV TRF FROM TAX FUND TO DSF	J034 J035 1436 1437 CAPITA  /EMENTS J031 DEBT SI	12/11/18 12/11/18 12/19/18 12/19/18 L PROJECTS 12/10/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18 CPF- SER 19- TEXAS AG FEE  S FUND TOTALS  TRF FROM TAX FUND TO DSF  TRF FROM TAX FUND TO DSF	\$0.00 \$0.00 \$650,000.00	208,319.88 226,903.12 3,311.75 8,925.00 \$447,459.75
TRF SURPLUS FUNDS - SERIES 2015 TO GOF TRF SURPLUS FUNDS - SERIES 2017 TO GOF THE MULLER LAW GROUP, PLLC TEXAS ATTORNEY GENERAL  DEBT SERVICE FUND - LEVEE IMPROV TRF FROM TAX FUND TO DSF  DEBT SERVICE FUND - ROAD IMPROV	J034 J035 1436 1437 CAPITA  /EMENTS J031 DEBT SI  EMENTS J032	12/11/18 12/11/18 12/19/18 12/19/18 L PROJECTS 12/10/18	PRESTWICK PROJECT PRESTWICK PROJECT  CPF CONSTR THRU 11/30/18 CPF- SER 19- TEXAS AG FEE  S FUND TOTALS  TRF FROM TAX FUND TO DSF  TRF FROM TAX FUND TO DSF  3	\$0.00 \$0.00 \$650,000.00	208,319.88 226,903.12 3,311.75 8,925.00 \$447,459.75

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

December 19, 2018 (Unaudited)

	SUMMARY OF	INVESTME	NTS			
BANK	ACCT #	RATE	PURCHASE DATE	MATURITY DATE	***	AMOUNT
GENERAL FUND						
MAX INVESTMENT PERIOD 12 MONTHS						
TEXSTAR	26713-1111-0	2.2176%			\$	1,942,172.34
COMPASS BANK MMA	6729776570	0.2500%			\$	348,109.80
TOTAL GENERAL FUND INVESTMEN	NTS					\$2,290,282.14
CAPITAL PROJECTS FUND						
MAX INVESTMENT PERIOD 12 MONTHS						
TEXSTAR - SER 2013 ROADS	26713-1195-0	2.2176%			\$	18,022.26
TEXSTAR - SER 2014 ROADS	26713-1196-0	2.2176%			\$	143,508.26
TEXSTAR - SER 2015 LEVEE	26713-1197-0	2.2176%			\$	-
TEXSTAR - SER 2015 ROADS	26713-1198-0	2.2176%			\$	182,247.92
TEXSTAR - SER 2017 LEVEE	26713-1200-0	2.2176%			\$	104,972.80
TEXSTAR - SER 2017 PARKS	26713-2017-0	2.2176%			\$	814,913.19
TOTAL CAPITAL PROJECTS FUND I	NVESTMENTS					\$1,263,664.43
DEBT SERVICE FUND						
MAX INVESTMENT PERIOD 12 MONTHS						
TEXSTAR - LEVEE IMPROV	26713-1023-0	2.2176%			\$	5,100,170.46
COMPASS BANK MMA	2530962930	1.8200%			\$	2,808,380.66
CENTRAL BANK CD - LEVEE	66000083	2.3000%	26-Aug-18	26-Aug-19	\$	242,452.33
PLAINS STATE BK CD - LEVEE	4127500	2.3800%	27-Aug-18	27-Aug-19	_\$_	244,402,69
	тс	TAL DEBT SERVI	ICE - LEVEE		\$	8,395,406.14
TEXSTAR - ROAD IMPROV.	26713-1025-0	2.2176%			\$	1,845,700.74
	τc	TAL DEBT SERV	ICE - ROADS		\$	1,845,700.74
TOTAL DEBT SERVICE FUND INVES	TMENTS				\$	10,241,106.88
BONDS SOLD:  SERIES 2010 \$3,975,000 Net effective SERIES 2012 \$7,990,000 Net effective SERIES 2013 \$6,000,000 Net effective	e rate: 4.478232% Sa	le 02/27/12 Fu	nded 03/27/12			
SERIES 2013       \$6,505,000       Net effective         SERIES 2013A       \$11,200,000       Net effective         SERIES 2014       \$7,625,000       Net effective         SERIES 2015       \$3,975,000       Net effective         SERIES 2015A       \$20,250,000       Net effective	e rate: 4.699884% Sa e rate: 4.811694% Sa e rate: 3.408636% Sa e rate: 3.715374% Sa	lle 07/11/13 Fu dle 07/30/13 Fu dle 08/25/14 Fu dle 06/22/15 Fu	nded 08/15/13 inded 08/27/13 nded 09/23/14 nded 07/28/15		Road Road	nding bonds I bonds I bonds I bonds
SERIES 2015 \$5,360,000 Net effective SERIES 2016 \$4,250,000 Net effective SERIES 2017 \$17,770,000 Net effective	e rate: 3.285542% Sa e rate: 2.911738% Sa	le 10/14/15 Fu le 08/16/16 Fu	nded 11/12/15 nded 09/14/15			nding bonds nding Rd bonds
SERIES 2017 \$11,750,000 Net effective \$3,715,000 Net effective	ve rate: 1.407424% S	ale 07/26/17 F	unded 07/27/17			bonds nding bonds
PUBLIC FUND	S INVESTMENT	ACT TRAINI	NG REQUIRE	MENT		****
ACCOUNTANT - PAMELA LOGSDON		(	COMPLETED -	MAY 2017		
SCHI	EDULE OF DEBT	SERVICE P.	AYMENTS			
		SE	EMI-ANNUAL			ANNUAL

_	DUE DATE	S PRINCIPAL	EMI-ANNUAL INTEREST	TOTAL	ANNUAL AMOUNT DUE
FY 2019 FY 2019	1-Mar-2019 1-Sep-2019	5,885,000.00	1,581,047.51 1,581,047.51	1,581,047.51 7,466,047.51	\$9,047,095.02
FY 2020 FY 2020	1-Mar-2020 1-Sep-2020	5,970,000.00	1,523,051.26 1,523,051.26	1,523,051.26 7,493,051.26	\$9,016,102,52

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

# **GENERAL FUND**

# STATEMENT OF REVENUES AND EXPENDITURES FOR THE ONE AND TWO MONTHS ENDED NOVEMBER 30, 2018

			Year-to-Date		
	Current Period- Actual	Actual	Budget	Variance	Annual Budget
REVENUES					
PROPERTY TAX REVENUE	0.00	0.00	0.00	0.00	0.000.000.00
INTEREST ON INVESTMENTS	2,475.38	5,060.63	0.00 4,666.00	0.00 394.63	2,280,000.00
DEVELOPER PERMIT FEES	1,100.00	2,800.00	1,666.00	1,134.00	28,000.00
MISC REVENUES	0.00	0.00	0.00	0.00	10,000.00 0.00
TOTAL REVENUES	3,575.38	7,860.63	6,332.00	1,528.63	2,318,000.00
EXPENDITURES			•		
PROFESSIONAL FEES					
AUDITING FEES	0.00	0.00	0.00	0.00	13,500.00
LEGAL - GENERAL SERVICES	0.00	10,168.75	20,000.00	(9,831.25)	120,000.00
LEGAL - OTHER	0.00	225.00	9,166.00	(8,941.00)	55,000.00
ENGINEERING FEES GENERAL	5,209.68	5,209.68	12,000.00	(6,790.32)	72,000.00
ENGINEERING FEES - SPECIAL PROJECT	5,417.24	5,417.24	2,500.00	2,917.24	15,000.00
CONTRACTED SERVICES				·	,
ACCOUNTANT FEES	0.00	0.00	4,500.00	(4,500.00)	27,000.00
OPERATOR FEES - ROUTINE	8,133.75	19,561.25	15,832.00	3,729.25	95,000.00
OPERATOR FEES - SPECIAL PROJECTS	0.00	0.00	2,500.00	(2,500.00)	15,000.00
REPAIRS, MAINTENANCE & PERMITS					Ÿ
MAINT & REPAIRS- FACILITIES- ROUTINE	3,983.26	5,243.26	8,332.00	(3,088.74)	50,000.00
MAINT - YELLOWSTONE (MOW, TRIM, ETC)	37,809.40	37,809.40	54,166.00	(16,356.60)	325,000.00
WETLANDS MAINT - YELLOWSTONE	5,200.00	5,200.00	16,666.00	(11,466.00)	100,000.00
SPECIAL PROJECTS - WETLANDS	0.00	0.00	4,166.00	(4,166.00)	25,000.00
MAINTENANCE - ROADS	3,612.00	7,224.00	8,916.00	(1,692.00)	53,500.00
MAINTENANCE - PARKS	0.00	0.00	0.00	0.00	449,115.00
MAINTENANCE - OTHER	2,000.00	6,400.00	2,500.00	3,900.00	15,000.00
MAINT & REPAIRS- SPECIAL PROJECTS	0.00	0.00	0.00	0.00	0.00
CORP. PERMIT COMPLIANCE	3,125.00	4,599.41	5,832.00	(1,232.59)	35,000.00
STORM WATER COMPLIANCE / PERMIT	0.00	0.00	0.00	0.00	4,375.00
EMERGENCY MEASURES PROGRAM	0.00	0.00	0.00	0.00	0.00
DEVELOPER PERMIT FEES	1,140.00	1,650.00	1,000.00	650,00	6,000.00
LEVEE INSPECTION/ RECERTIFICATION	0.00	0.00	332.00	(332.00)	2,000.00
PERMIT FEES	0.00	0.00	0.00	0.00	0.00
UTILITIES - ALCORN BAYOU PUMP ST	2,275.59	2,868.92	1,200.00	1,668.92	7,200.00
TELEPHONE - ALCORN BAYOU PUMP ST	0.00	0.00	166.00	(166.00)	1,000.00
JOINT PUMP STATION EXPENSES	0.00	0.00	0.00	0.00	30,028.00
ADMINISTRATIVE EXPENSES					00,020.00
DIRECTOR FEES	600.00	1,350.00	3,000.00	(1,650.00)	20,000.00
PRINTING/OFFICE SUPPLIES	182.50	317.50	600.00	(282.50)	
POSTAGE	0.00	0.00	0.00	0.00	3,600.00 0.00
INSURANCE	(5,883.15)	29,280.00	27,250.00	2,030.00	27,250.00
LEGAL NOTICES	300.80	300.80	0.00	300.80	0.00
TRAVEL AND EXPENSES	159.52	200.94	150.00	50.94	7,500.00
PUBLIC COMMUNICATIONS	2,420.00	4,805.00	4,770.00	35.00	
MEETING EXPENSES	0.00	0.00	416.00	(416.00)	28,620.00
PAYROLL TAXES	45.91	103.29	254.00	(150.71)	2,500.00 1,530.00
BANK CHARGES	30.41	66.41	74.00	(7.59)	•
DUES	0.00	0.00	0.00	0.00	450.00
ELECTION EXPENSES	3,739.00	8,223.75	25,000.00		6,700.00
OTHER EXPENSES	0.00	1,116.82	0.00	(16,776.25) 1,116.82	25,000.00 0.00
<del>-</del>					
TOTAL EXPENDITURES FROM OPERATIONS	79,500.91	157,341.42	231,288.00	(73,946.58)	1,638,868.00

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

# **GENERAL FUND**

# STATEMENT OF REVENUES AND EXPENDITURES FOR THE ONE AND TWO MONTHS ENDED NOVEMBER 30, 2018

			Year-to-Date		
	-Current Period- Actual	Actual	Budget	Variance	Annual Budget
EXCESS REVENUES (EXP) FROM OPERATIONS	(75,925.53)	(149,480.79)	(224,956.00)	75,475.21	679,132.00
GOVT AGENCY CONTRIBUTION	0.00	0.00	0.00	0.00	0.00
CAPITAL OUTLAY -	0.00	0.00	(30,000.00)	30,000.00	(175,000.00)
CAPITAL OUTLAY - ENGINEERING FEES	0.00	0.00	0.00	0.00	0.00
CAPITAL OUTLAY - LAND	(1,498.50)	(1,498.50)	0.00	(1,498.50)	0.00
FUTURE REIMB - LEVEE BONDS	(22,625.44)	(21,455.09)	(66,000.00)	44,544.91	(396,000.00)
FUTURE REIMB - ROAD BONDS	0.00	0.00	0.00	0.00	0.00
FUTURE REIMB - PARK BONDS	0.00	0.00	0.00	0.00	0.00
FUTURE REIMB - PARK BONDS	0.00	0.00	0.00	0.00	0.00
TFR FROM CAPITAL PROJECTS FUND	0.00	0.00	0.00	0.00	767,000.00
EXCESS REVENUES (EXPENDITURES)	(100,049.47)	(172,434.38)	(224,956.00)	148,521.62	875,132.00

# FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO 15 UTILITY BILLINGS 11/8/2018

SERVICE PROVIDER	BILLING START DATE	BILLING END DATE	CONSUMPTION KWH	INVOICE CHARGE
PUMP STATION AT 6811 1/2	THOMPSON FERRY	/ RD, SUGARLAN	ND TX 77449	
CAVALLO ENERGY	10/10/17	11/08/17	5,760	\$2,956.20
CAVALLO ENERGY	11/08/17	12/11/17	7,200	\$3,068.17
CAVALLO ENERGY	12/11/17	01/12/18	7,920	\$3,116.45
CAVALLO ENERGY	01/12/18	02/12/18	6,480	\$3,044.18
CAVALLO ENERGY	02/12/18	03/13/18	5,760	\$3,003.12
CAVALLO ENERGY	03/13/18	04/12/18	5,760	\$3,002.84
CAVALLO ENERGY	04/12/18	05/11/18	5,040	\$2,965.61
CAVALLO ENERGY	05/11/18	06/12/18	6,480	\$3,075.36
CAVALLO ENERGY	06/12/18	07/11/18	5,760	\$3,132.91
CAVALLO ENERGY	07/12/18	08/10/18	5,760	\$537.58
CAVALLO ENERGY	08/10/18	09/11/18	6,480	\$566.66
FISCAL YEAR 2018 TOT	ALS		68,400	\$28,469.08
CAVALLO ENERGY	09/12/18	10/10/18	5,760	\$593.33
CAVALLO ENERGY	10/10/18	11/08/18	6,480	\$2,275.59
FISCAL YEAR 2019 TOT	ALS		12,240	\$2,868.92



# Ft. Bend County LID 15

# Landscape Architects Status Report

December 19, 2018

# Avalon at Riverstone Section 17 - sitework, landscape and irrigation (H16083)

Earthfirst

# Approval of Pay App 02

Contract Amount \$ 533,608.00 Change Orders to Date \$(0) Current Contract Amount \$ 533,608.00

Payment Application One \$34,183.80

Payment Application Two \$65,754.00
Payment Approved to Date \$34.183.80

# Avalon at Riverstone Section 14 - sitework, landscape and irrigation (H16083)

Classic Irrigation and Landscape

Contract Amount \$ 720,072.00

Change Orders to Date \$(0)

Current Contract Amount \$ 720,072.00

Projects Currently in Design: Avalon at Riverstone Section 19



Levee Management Services, LLC

Fort Bend County LID #15

**Monthly Report** 

**December 19, 2018** 



# Fort Bend County LID #15

# **Monthly Report**

# Summary:

Since the last meeting date 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.
- Completed last quarter ant bait treatment on levee system.
- Hog damage on levee throughout the district.
  - Fence contractor trying to finish by Jan 12<sup>th</sup>.

# **Ditches/Detention:**

- Trash and debris throughout all drainage facilities.

# **Outfalls/Pump Station:**

- Cleared flap gates of trash and debris after recent storms.
  - All brush and debris has been removed, currently working on cleaning silt off all strutures.

# Steep Bank Creek Pump Station:

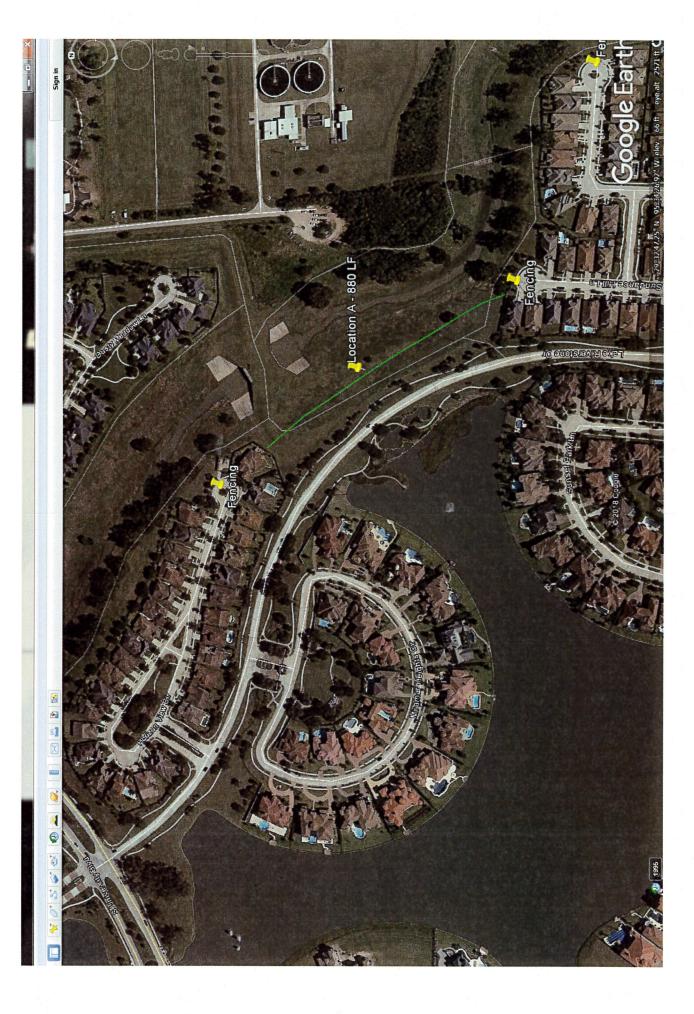
- Storage shed for temporary pumps. Total project cost \$36,900
- Hardware repairs at Pump Station. Total cost \$11,145

<u>River update:</u> A new recent river crest at 40.7 feet spiked over the heavy showers we had early December. We did have water up against the gates for a very brief 36 hours, but the river dropped rapidly and no issues throughout the district. No pumping was necessary and internal rainfall was able to gravity flow out of the district.











Steep Bank Creek Pump Station - Estimated Engineering Fee Breakdown	ed E	Engineering Fee Bı	eakdown					
			Work Order No. 1 Preliminary Design 5 Months	r No. 1 Design ths	Work Order No. 2 Final Design & Bid 7 months	der No. 2 ign & Bid nths	Work O Cons 12 r	Work Order No. 3 Construction 12 months
Basic Services:	•							
A. Project Management	↔	25,500	69	25,500				
B. Alternatives Analysis	↔	49,000	↔	49,000				
C. Hydrology and Hydraulics Evaluation	↔	43,000	↔	43,000				
D. Preliminary Design	↔	79,500	€9	79,500				
E. Final Design	↔	325,000			↔	325,000 *		
F. Bid Phase	↔	20,000			↔	20,000		
G. Constuction Phase (General Rep.)	↔	100,000					↔	100,000 *
Total Basic Services	↔	642,000						
Special Services:								
Topographic Survey	₩	16,000	· <del>()</del>	16,000				
Geotechnical Engineering	÷	28,000	€	28,000				
Intake Hydraulics Review	↔	9,000	↔	9,000	•			
G	A 4	403 000			€/	50,000		
I Otal Operial Oct vices	•	100,000	•					
Total Engineering Fee (estimated)*	↔	745,000	€\$	250,000	€	395,000	49	100,000
	•						•	
Material Testing During Construction	↔ €	50,000					↔ €	50,000
Total w/ Construction Management	↔	1,155,000					€9	510,000
*Engineer Fees are based on an OPCC of \$4I negotiated after the Prelminary Design phase.	e. 4M	of \$4M and can be used for budget numbers. phase.	budget numbe		Final Design and Construction		Phase budgets will be	will be

# Attachment 1 - Scope of Work

# Steep Bank Creek Pump Station Expansion

# Phase 1 - Preliminary Design

Fort Bend County Levee Improvement District 19 (the District) has an existing stormwater pump station located near the outfall of Steep Bank Creek. The District intends to increase the firm capacity of this pump station to an assumed 120,000 gallons per minute (GPM) to meet current and future minimum requirements as set by Fort Bend County. This project will generally consist of the following:

- A new 60,000 GPM intake and pump station on Steep Bank Creek or modifications to the existing intake and pump station to provide a firm capacity of 120,000 GPM.
- Structural, architectural, mechanical, plumbing, and site civil design.
- Electrical design to support the pump station, including transformers, switchgear, motor controllers, motors, and other systems at the pump station. Backup power alternatives will be reviewed and incorporated.
- Controls, instrumentation, communications, and security design.
- Piping design to connect to the existing discharge piping or a new outlet through the levee.

It is anticipated that the project will be executed in 3 phases:

- 1. Phase 1 Preliminary Design
- 2. Phase 2 Final Design
- 3. Phase 3 Construction Phase Services

This Scope of Work is for Phase 1 – Preliminary Design. The purpose of this phase is to develop and analyze alternatives, select the preferred alternative, and develop the design of the preliminary layouts of the pump station, piping, and electrical improvements. Phase 1 will include preliminary design of the pump station, geotechnical exploration and analysis, and surveying. The scopes of work for Phases 2 and 3 will be determined at a later date.

### I. BASIC SERVICES

### A. PROJECT MANAGEMENT

- 1. Conduct one (1) project kickoff meeting to discuss project goals and schedule. Prepare and agenda and distribute meeting minutes.
- 2. Attend up to six (6) monthly progress meetings. Prepare agendas and distribute meeting minutes.
- 3. Prepare a project schedule and provide monthly updates.
- 4. Prepare monthly project summaries including work performed in the past 30 days, work to be performed in the next 30 days, project milestones, and project financial status. Submit updated project schedule and project summary with each invoice.
- 5. Participate in one (1) public outreach meeting.

# Deliverables:

• Meeting minutes for all in-person meetings within 5 business days of the meeting

- Project schedule in .pdf format
- Monthly status reports with each invoice.

### **B. ALTERNATIVES ANALYSIS**

- 1. Collect and review existing data associated with the pump station. Review previous studies and reports and any other documents associated with the project.
- 2. Review pump-type alternatives (vertical lineshaft, submersible, and vertical submersible).
- 3. Develop up to two (2) alternatives for the pump station expansion. Alternatives will be based on an assumed firm flow rate of 120,000 GPM. Final capacity will be determined as part of the H&H evaluation. Options include replacing the existing pumps and new pumps adjacent to the existing structure. The alternate for the new pumps will include provisions for expansion.
- 4. Prepare preliminary layouts for each alternative.
- 5. Electrical Alternatives
  - a. Determine preliminary power needs
  - b. Coordinate with CenterPoint on required service upgrades
  - c. Develop back-up power alternatives including replacing the existing generator, adding additional generator(s), and installing engine-driven pumps.
- 6. Develop an Opinion of Probable Construction Cost (OPCC) and Life Cycle Cost Analysis (LCCA) for each alternative.
- 7. Conduct a workshop with stakeholders to determine selection criteria and rank the alternatives based on the criteria.
- 8. Prepare a technical memorandum summarizing the alternatives analysis and selected alternatives.

# Deliverables:

- Meeting minutes for all in-person meetings within 5 business days of the meeting
- Alternatives Analysis Technical Memorandum within 60 days of notice to proceed

# C. HYDROLOGY AND HYDRAULIC EVALUATION

- 1. Perform a field visit, review existing data including system design plans and calculations, and applicable regulations.
- 2. Cursory review ICPR4.0 model prepared by APTIM and compare model input against available data, including surveyed control structures as specified in Section II.A, surveyed slab elevations, available 2014 LiDAR, and other best available information. FNI will coordinate with APTIM on review findings, and APTIM will address comments.
- 3. Using the updated ICPR4.0 model that represents Steep Bank Creek, FNI will evaluate various alternatives combining increases to pump station capacity and modifications to system storage needed to meet current and upcoming regulatory requirements.

  Alternatives will be coordinated with the pump station design team.
- 4. Perform an internal QC review of the models representing the alternatives.

- 5. APTIM will be provided the opportunity of reviewing the model representing the alternatives evaluated. FNI will address any findings from the QC reviews and finalize hydraulic models for the alternatives.
- 6. Prepare a technical memorandum summarizing the results of the alternatives.

# **Deliverables:**

- Technical memorandum with findings from review of ICPR4.0 model
- Technical memorandum with findings from the alternative analysis
- ICPR4.0 models for the alternative analysis

### D. PRELIMINARY DESIGN

- 1. Prepare layouts of the selected alternative based on the sizing determined as part of the H&H evaluation.
- 2. Develop piping and valve layout.
- 3. Prepare preliminary site layout, including roads, parking and paving, and lighting.
- 4. Develop layout for site utilities, including water, wastewater, and telecommunications. Coordinate with utilities to determine connection requirements.
- 5. Determine power load requirements
  - a. Determine power loads based upon the pump type and layout results of the Alternatives Analysis.
  - b. Evaluate starter types (across-the-line, soft starter, variable frequency drive). Evaluate parallel transformers and main-tie-main arrangement.
  - c. Develop a one-line diagram.
  - d. Develop and electrical room floor plan and equipment layout.
- 6. Prepare a preliminary level OPCC reflecting the selections made during the Alternatives Analysis and Preliminary Design.
- 7. Review procurement strategy options including pre-purchase of equipment, traditional bidding, competitive sealed proposals, and construction manager at risk. Provide a recommendation on procurement process.
- 8. Develop a schedule for Final Design and Construction.
- 9. Prepare a draft Preliminary Design Report detailing the findings of the activities performed in the Preliminary Design phase.
- 10. Conduct a Preliminary Design Report (PDR) comment review meeting with project stakeholders.
- 11. Incorporate comments received and submit a final Preliminary Design Report. Present report and findings to the Board of Directors at a regular board meeting.

### Deliverables:

- Draft Preliminary Design Report (PDR) within 60 days of selecting the preferred alternative and selection of the pump station flow rate.
- Final Preliminary Design Report within 2 weeks of receipt of comments on the Draft PDR.

### II. SPECIAL SERVICES

### A. TOPOGRAPHIC SURVEY

- 1. Perform topographic survey of the pump station area, including the existing intake structure, gravity outfall structure, and levee.
- 2. Obtain top-of-slab elevations for six (6) homes to be determined by the hydraulic modeling teams. The District will secure right of entry for the survey.
- 3. Obtain upstream, downstream, and controlling elevations for detention pond outfalls, restrictions, and road crossings along Steep Bank Creek, up to six (6) locations total, for ICPR model verification.

# **B. GEOTECHNICAL ENGINEERING**

- 1. Perform up to three (3) geotechnical borings two (2) at 60 feet deep and one (1) at 100 feet deep. Measure and record groundwater levels at time of drilling and 24 hours after completion.
- 2. Perform laboratory testing to include soil classification, unconsolidated undrained triaxial testing, and soil dispersion potential testing.
- 3. Install one (1) piezometer and monitor water levels monthly for up to six (6) months.
- 4. Prepare a geotechnical data report summarizing results of the borings and laboratory testing.
- 5. Review geotechnical data report and provide recommendations to pump station design team on geotechnical parameters.

# C. INTAKE HYDRAULICS REVIEW

- 1. Review intake alternatives for conformance to HI standards.
- 2. Conduct one (1) workshop with the District to review hydraulics of the intake alternatives.

# Fort Bend County Steep Bank Cr

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Fort Bend County LID No. 15 Engineer's Report 12/19/2018



### Action Item List:

- 1. Hog Fencing
  - a. Contracts provided for signature.
  - b. Per contractor, construction likely to be completed by year end.
- 2. Vehicular Access Improvements
  - a. Exhibit being prepared for pricing. This project was not included for bond funding in the latest bond issue. Discuss financing the project or partial project to determine scope of work.
- 3. Hagerson Road Interconnect between Snake Slough and Steep Bank Creek (Part of Hagerson Road WSD & Paving Project)
  - a. Bids received on Monday, December 17<sup>th</sup>. A summary of the LID 15 share will be provided during the meeting.
- 4. University Boulevard Interconnect between Steep Bank Creek and Alcorn Bayou
  - a. Plans being reviewed by City of Sugar Land and pipeline company. County and FBDD approval received. Project is currently on hold.
  - b. Estimated Construction Cost = \$492,000 (LID 15 Share: 50% = \$246,000)
- 5. Snake Slough Pump Station (aka Hagerson Road Pump Station)
  - a. Project is currently bidding and will be presented at the January meeting.
  - b. Estimated Construction Cost = \$2,700,000 (FBCLID 15 100%)
- 6. Detention Ponds for Hagerson Road Tract (Sonora Construction)
  - a. Pay application no. 1 \$116,698.28 to Sonora Construction and no extension to the contract was requested. Recommend payment.
- 7. Signal at Cabrera Drive and University Boulevard
  - a. No pay application this month.
- 8. Bond Issue No. 14: Application for \$8.925M has been approved. The inspection was completed on December 6<sup>th</sup>. Awaiting the local TCEQ office letter to release funds.
- Surplus Funds Request for Prestwick Drainage Improvements: Approved on November 29, 2018 and this item can be removed from future agendas.
- 10. 2D Modeling of Steep Bank Creek Watershed: Consultant is in the data collection phase of the project. CI has been providing construction plans as they request them.
- 11. Add items to the agenda for next month: None.
- 12. Misc. Items:
  - a. Dow pipeline crossing agreement for the interconnect between Alcorn Bayou and Steep Bank Creek is submitted for approval and signature.
  - b. Approve consent to encroach, miscellaneous easements and accept deeds as necessary.

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

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