

MINUTES OF MEETING  
OF THE  
BOARD OF DIRECTORS

OCTOBER 20, 2017

THE STATE OF TEXAS §

COUNTY OF FORT BEND §

FORT BEND COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 3 §

The Board of Directors (the "Board") of Fort Bend County Water Control and Improvement District No. 3 (the "District") noticed a regular session, open to the public, to be held on Friday, October 20, 2017, at 11:30 a.m., at 503 FM 359, Suite 118, Richmond, Texas, a designated meeting place outside the boundaries of the District. Whereupon, at 11:30 a.m., the meeting was called to order and the roll was called of the members of the Board, to-wit:

Ann Heil	-	President
Lloyd Knapp	-	Vice President
Chayo Huff	-	Secretary
Gloria Couch	-	Assistant Secretary
Richard Wasser	-	Assistant Secretary

All members of the Board were present, except Director Wasser, thus constituting a quorum.

Also present at the meeting were Andrew Miller of Municipal Operations and Consulting, Inc. ("MOC"), Operator for the District; Lina Loaiza of Bob Leared Interests, Tax Assessor/Collector for the District; Christina Cole of Myrtle Cruz, Inc. ("MCI"), Bookkeepers for the District; Joshua J. Kahn of Sanford Kuhl Hagan Kugle Parker Kahn LLP ("SK Law"), Attorney for the District, and residents of the District listed on the attached Attendance Sheet.

HEAR FROM PUBLIC

The Board noted that there was no public present who wished to address the Board.

MINUTES FOR THE SEPTEMBER 15, 2017, MEETING

The proposed minutes of the meeting of the Board held September 15, 2017, previously distributed to the Board, were presented for consideration and approval.

Upon motion by Director Huff, seconded by Director Couch, and after full discussion, the Board voted unanimously to approve the minutes for the meeting held on September 15, 2017, as submitted.

#### HEAR FINANCIAL ADVISOR'S REPORT

No report was offered.

#### TAX ASSESSOR/COLLECTOR'S REPORT

The Board recognized Ms. Loaiza, who reviewed with the Board the Tax Assessor/Collector Report for the month of September 2017, a copy of which is attached hereto.

Upon motion by Director Knapp, seconded by Director Huff, and after full discussion, the Board voted unanimously (1) to approve the Tax Assessor/Collector Report and (2) to authorize payment of the tax checks listed therein.

#### BOOKKEEPER'S REPORT

The Board recognized Ms. Cole, who submitted to and reviewed with the Board the Bookkeeper's Report and certain invoices for payment by the District.

Upon motion by Director Couch, seconded by Director Knapp, and after full discussion, the Board voted unanimously to (1) approve the Bookkeeper's Report; and (2) authorize payment of the checks listed therein,

#### OPERATOR'S REPORT

The Board recognized Mr. Miller, who presented the Operator's Report for the month of September 2017. Mr. Miller also discussed repairs that are needed to Lake Well #1, and noted that Lake Management, Inc. is submitting a proposal for such repairs.

The Board noted that the reduced billing rates due to Hurricane Harvey/storm damage should end and MOC should resume billing in accordance with the District's Rate Order.

Upon motion by Director Couch, seconded by Director Knapp, and after full discussion, the Board voted unanimously to approve the Operator's Report.

## ENGINEER'S REPORT

The Board recognized Mr. Kahn, who, on behalf of PBK Engineering, presented the Engineer's Report and updated the Board on the status of projects in the District. Mr. Kahn also reviewed the dam-spillway inspection report. The Board requested that the District's Engineer bring cost estimates for the dam-spillway repairs to the November Board meeting. The Board also discussed the Brandt Road project and its possible impact on drainage in the District.

Upon motion by Director Huff, seconded by Director Knapp, and after full discussion, the Board voted unanimously to approve the Engineer's Report.

## ATTORNEY'S REPORT

### City of Richmond Interconnect

The Board deferred action on this item.

### District Insurance

The Board deferred action on this item.

## COMMENTS FROM BOARD MEMBERS

The Board recognized Director Knapp, who advised that will be moving out of the community and will be resigning from the Board. Director Knapp thanked the remainder of the Board for allowing him to serve with them.

The Board recognized Director Heil, who presented a map provided by Carl Richards which depicted homes in the District which flooded during Hurricane Harvey.

The Board recognized Resident Scott Douthitt, who updated the Board on the status of the creation of Fort Bend Levee Improvement District No. 22, noting that plans are on hold until new floodplain maps are adopted.

There being no further business to come before the Board, upon motion made, seconded, and approved unanimously, the meeting was adjourned.

PASSED, APPROVED AND ADOPTED, this 17th day of November, 2017.

*Chango Kuyf*

Secretary, Board of Directors



**AGENDA**  
**FORT BEND COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 3**

Notice is hereby given that, pursuant to V.T.C.A. Government Code, Chapter 551, the Board of Directors of **Fort Bend County Water Control and Improvement District No. 3** will meet in **regular session**, open to the public, at **11:30 a.m., on Friday, October 20, 2017, at 503 FM 359, Suite 118, Richmond, Fort Bend County, Texas**, at which meeting the following items will be considered and acted on:

1. Hear from Public;
2. Consider approving minutes of meeting from September 15, 2017;
3. Hear Financial Advisor's Report and take any action thereon;
4. Hear Tax Assessor/Collector's Report and take any action therein, including:
  - (a) consider approving payment of tax bills; and
  - (b) consider authorizing termination of service to delinquent accounts;
5. Hear Bookkeeper's Report and take any action thereon, including:
  - (a) consider approving payment of the bills; and
  - (b) consider approving investment report;
6. Hear Operator's Report and take any action thereon, including:
  - (a) consider authorizing repairs to the District's facilities; and
  - (b) consider termination of service to delinquent accounts;
7. Hear Engineer's Report and take any action thereon, including:
  - (a) considering authorizing Engineer to proceed with the design of District facilities;
  - (b) consider approving plans and specifications of District facilities;
  - (c) considering authorizing Engineer to advertise for bids for District projects;
  - (d) considering authorizing construction contracts and related items;
  - (e) consider approving pay estimates/change orders for construction projects in progress in the District; and
  - (f) discuss Brandt Lane improvement and possible impact on drainage in District;
8. Hear Attorney's Report and take any action thereon, including:
  - (a) consider approving Water Interconnect Agreement with City of Richmond; and
  - (b) consider renewal of District's insurance;
9. Hear comments from Board members.

Pursuant to V.T.C.A. Government Code §551, the Board of Directors may convene in closed session in relation to any agenda item included in this Notice with such closed session to be held at the date, hour, and place given in this Notice concerning any and all subjects for any and all purposes permitted by V.T.C.A Government Code Chapter 551, including but not limited to, private consultation with the District's Attorneys on any or all matters or subjects authorized by law, pending or contemplated litigation, personnel matters, real estate transactions, security devices, economic development negotiations and/or gifts and donations.

EXECUTED this 13th day of October, 2017.

FORT BEND COUNTY WATER CONTROL  
AND IMPROVEMENT DISTRICT NO. 3



By: \_\_\_\_\_

Joshua J. Kahn  
Sanford Kuhl Hagan Kugle Parker Kahn LLP  
Attorneys for the District

**FORT BEND COUNTY CLERK'S OFFICE  
301 JACKSON  
RICHMOND, TX 77469**

**CERTIFICATE OF POSTING**

THE STATE OF TEXAS }{

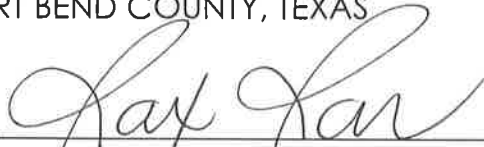
COUNTY OF FORT BEND }{

I, LAURA RICHARD, COUNTY CLERK OF FORT BEND COUNTY, TEXAS DO  
HEREBY CERTIFY THAT ON THE **16<sup>TH</sup> DAY OF OCTOBER, 2017**, I FILED THE  
FOREGOING NOTICE OF MEETING IN MY OFFICE.

**NAME: FORT BEND COUNTY WCID NO. 3  
DATE OF MEETING: OCTOBER 20, 2017  
EXECUTED THIS 16<sup>TH</sup> DAY OF OCTOBER, 2017.**

LAURA RICHARD, COUNTY CLERK  
FORT BEND COUNTY, TEXAS

BY

  
\_\_\_\_\_  
**ROXANA RAMOS, DEPUTY**

SEAL



FORT BEND COUNTY CLERK  
301 JACKSON, SUITE 101  
RICHMOND, TX 77469-3108  
(281)341-8652

Receipt Time: 10/13/2017 02:26:04 PM

Receipt #: 85743

Issued To: SANFORD KUHL KUGLE PARKER HAGAN

**Documents**

#	Type	# Pages	Quantity	Reference #	GF #	Amount
1	MEETINGS	1	1	NA		\$3.00
2	POSTING/FILING CERTIFICATE	1	1	NA		\$1.00
3	PLAIN COPY	1	1	NA		\$1.00
<b>Total :</b>						<b>\$5.00</b>

**Payments**

#	Type	Payment #	Amount	NSF
1	ESCROW CHARGE	4080	\$5.00	
<b>Total Payments:</b>			<b>\$5.00</b>	

**Balance for Account # 4080 as of 10/13/2017 02:26 PM is \$35.00**

**FBC WATER CONTROL AND IMPROVEMENT DISTRICT NO. 3 10/20/2017 @ 11:30 AM**

**THANK YOU!**

**DEPUTY: EW**

OCT 13 2017

*Laura Richard*  
County Clerk Fort Bend Co. Texas

**AGENDA**  
**FORT BEND COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 3**

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6. Hear Operator's Report and take any action thereon, including:
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  - (a) consider approving Water Interconnect Agreement with City of Richmond; and
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9. Hear comments from Board members.

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EXECUTED this 13th day of October, 2017.

FORT BEND COUNTY WATER CONTROL  
AND IMPROVEMENT DISTRICT NO. 3



By: \_\_\_\_\_

*Joshua J. Kahn*  
Joshua J. Kahn  
Sanford Kuhl Hagan Kugle Parker Kahn LLP  
Attorneys for the District



CERTIFICATE OF POSTING OF NOTICE OF MEETING

THE STATE OF TEXAS §

COUNTY OF FORT BEND §

FORT BEND COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 3 §

I, Guen Althoff, the undersigned, hereby state that I posted the attached Notice of Meeting of the Board of Directors of Fort Bend County Water Control and Improvement District No. 3 at Water Plant 1, the location inside the boundaries of the District designated for the posting of agendas, on the 16 day of \_\_\_\_\_, 2017, at 11 o'clock A.m., which time was not less than 72 hours prior to the scheduled time of the meeting.

Guen Althoff  
(Name)

CERTIFICATE OF POSTING

THE STATE OF TEXAS

§

COUNTY OF FORT BEND

§

FORT BEND COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT NO. 3

§

I, Tara Smith, the undersigned, hereby state that I posted the Notice of Meeting of Fort Bend County Water Control and Improvement District No. 3 in the administrative offices of the District on October 20, 2017, at 12:00 o'clock p.m., which time was not less than 72 hours prior to the scheduled time of the meeting.

Tara Smith

October 20, 2017

[illegible]

TAX COLLECTOR'S OATH

Fort Bend WCID #3 }

STATE OF TEXAS

COUNTY OF Fort Bend }

BOB LEARED, BEING duly sworn, states that he is the Tax Collector for the above named taxing unit and that the foregoing contains a true and correct report, accounting for all taxes collected on behalf of said taxing unit during the month therein stated.

*Bob Leared*

BOB LEARED

SWORN TO AND SUBSCRIBED BEFORE ME, this 11<sup>th</sup> day of October, 2017.

*Michelle Guerrero*

NOTARY PUBLIC, STATE OF TEXAS

(SEAL)



Submitted to Taxing Unit's Governing Body on 10-20-17.

**FT. BEND CO. W.C.I.D. #3**  
**TAX ASSESSOR/COLLECTOR'S REPORT**

9/30/2017

Taxes Receivable: 8/31/2017	\$	12,392.95	
Reserve for Uncollectables	(	.00)	
Adjustments		<u>.00</u>	\$ <u>12,392.95</u>
Original 2017 Tax Levy	\$	517,249.48	
Adjustments		<u>.00</u>	<u>517,249.48</u>
<b>Total Taxes Receivable</b>			<b>\$ <u>529,642.43</u></b>
Prior Years Taxes Collected	\$	.00	
2017 Taxes Collected ( .0%)		<u>.00</u>	<u>.00</u>
<b>Taxes Receivable at: 9/30/2017</b>			<b>\$ <u><u>529,642.43</u></u></b>

2017 Receivables:

Debt Service	264,247.03
Maintenance	253,002.45

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*bob leared interests*

11111 Katy Freeway, Suite 725  
Houston, Texas 77079-2197

Phone: (713) 932-9011  
Fax: (713) 932-1150

FT. BEND CO. W.C.I.D. #3

	Month of 9/2017	Fiscal to Date 8/01/2017 - 9/30/2017
Beginning Cash Balance	\$ 15,215.57	16,072.53
<b>Receipts:</b>		
Checking Account Interest	.60	1.17
<b>TOTAL RECEIPTS</b>	<b>\$ .60</b>	<b>1.17</b>
<b>Disbursements:</b>		
CAD Quarterly Assessment	1,079.25	1,079.25
Publications, Legal Notice	428.40	428.40
Transfer to General Fund		529.45
Tax Assessor/Collector Fee	300.00	600.00
Mileage Expense	28.08	56.16
<b>TOTAL DISBURSEMENTS</b>	<b>(\$ 1,835.73 )</b>	<b>( 2,693.26 )</b>
<b>CASH BALANCE AT: 9/30/2017</b>	<b>\$ <u>13,380.44</u></b>	<b><u>13,380.44</u></b>

FT. BEND CO. W.C.I.D. #3

Disbursements for month of October, 2017

Check #	Payee	Description	Amount
1092	LGB&S	Atty's Fees, Delq. collection	\$ 177.89
1093	McDonald & Wessendorff	Tax A/C Bond Premium	100.00
1094	Bob Leared	Tax Assessor/Collector Fee	685.05
TOTAL DISBURSEMENTS			\$ 962.94
Remaining Cash Balance			\$ <u>12,417.50</u>

Wells Fargo Bank, N.A.

FT. BEND CO. W.C.I.D. #3

HISTORICAL COLLECTIONS DATA

Year	Collections Month Of 9/2017	Adjustments To Collections 9/2017	Total Tax Collections at 9/30/2017	Total Taxes Receivable at 9/30/2017	Collection Percentage
2017				517,249.48	
2016			571,081.82	2,723.60	99.525
2015			540,152.90	2,636.92	99.514
2014			496,080.51	2,423.03	99.514
2013			477,214.39	2,340.86	99.512
2012			466,044.86	2,268.54	99.516
2011			466,200.09		100.000
2010			460,529.37		100.000
2009			508,175.98		100.000
2008			481,760.78		100.000
2007			423,939.95		100.000
2006			363,475.29		100.000
2005			305,614.64		100.000
2004			237,986.15		100.000
2003			193,227.50		100.000
2002			148,874.45		100.000
2001			113,508.10		100.000
2000			63,193.30		100.000
1999			18,172.65		100.000
1998			4,866.65		100.000

(Percentage of collections same period last year )

HISTORICAL TAX DATA

Year	Taxable Value	SR/CR	Tax Rate	Adjustments	Reserve for Uncollectibles	Adjusted Levy
2017	112,445,534	00/00	.460000			517,249.48
2016	130,410,319	15/15	.440000	32,816.71		573,805.42
2015	123,361,320	20/20	.440000	50,767.78		542,789.82
2014	110,778,420	33/33	.450000	21,098.42		498,503.54
2013	106,567,685	48/48	.450000	7,988.87		479,555.25
2012	104,069,477	59/59	.450000	19,907.01		468,313.40
2011	103,599,879	64/64	.450000	6,803.16		466,200.09



FT. BEND CO. W.C.I.D. #3

HISTORICAL TAX DATA

Year	Taxable Value	SR/CR	Tax Rate	Adjustments	Reserve for Uncollectibles	Adjusted Levy
2010	102,339,720	01/63	.450000	62,784.45		460,529.37
2009	105,869,990	01/31	.480000	63,416.19		508,175.98
2008	100,366,830	03/73	.480000	131.84-		481,760.78
2007	84,787,990	01/71	.500000	4,848.95-		423,939.95
2006	72,695,057	01/00	.500000	156.40		363,475.29
2005	61,122,928	01/00	.500000	162.25-		305,614.64
2004	47,597,230	01/00	.500000	197.50-		237,986.15
2003	38,645,500	01/01	.500000	5,421.20-		193,227.50
2002	29,774,890	05/00	.500000	1,077.85		148,874.45
2001	22,701,620	12/12	.500000	726.70		113,508.10
2000	12,638,660	00/00	.500000			63,193.30
1999	3,634,530	00/00	.500000			18,172.65
1998	752,130	00/00	.500000	2,069.50		4,866.65

FT. BEND CO. W.C.I.D. #3

TAX RATE COMPONENTS

Year	Debt Service Rate	Debt Service Levy	Maintenance Rate	Maintenance Levy
2017	.235000	264,247.03	.225000	253,002.45
2016	.230000	299,943.76	.210000	273,861.66
2015	.240000	296,067.15	.200000	246,722.67
2014	.270000	299,102.12	.180000	199,401.42
2013	.280000	298,389.92	.170000	181,165.33
2012	.290000	301,801.95	.160000	166,511.45
2011	.310000	321,160.07	.140000	145,040.02
2010	.320000	327,487.55	.130000	133,041.82
2009	.320000	338,784.00	.160000	169,391.98
2008	.310000	311,137.15	.170000	170,623.63
2007	.380000	322,194.36	.120000	101,745.59
2006	.380000	276,241.22	.120000	87,234.07
2005	.380000	232,267.13	.120000	73,347.51
2004	.330000	157,070.86	.170000	80,915.29
2003	.330000	127,530.15	.170000	65,697.35
2002	.380000	113,144.58	.120000	35,729.87
2001	.380000	86,266.16	.120000	27,241.94
2000			.500000	63,193.30
1999			.500000	18,172.65
1998			.500000	4,866.65

**FT. BEND CO. W.C.I.D. #3**

<b>Tax Exemptions:</b>	2017	2016	2015
Homestead	.000	.000	.000
Over 65	30,000	30,000	30,000
Disabled	30,000	30,000	30,000

**Last Bond Premium Paid:**

Payee	Date of Check	Amount
McDonald & Wessendorff	10/11/2017	100.00
11/25/2017 - 11/25/2018		

**Adjustment Summary:** 2017

**TOTAL**

FT. BEND CO. W.C.I.D. #3  
Homestead Payment Plans

<u>Account no.</u>	<u>Property Owner</u>	<u>Tax Year</u>	<u>Last Payment Amount</u>	<u>Last Payment Date</u>	<u>Balance Due</u>
*Total	Count 0				
(I) - BLI Contract	(A) - Delinquent Attorney Contract				

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Standard Payment Plans

<u>Account no.</u>	<u>Property Owner</u>	<u>Tax Year</u>	<u>Last Payment Amount</u>	<u>Last Payment Date</u>	<u>Balance Due</u>
*Total	Count 0				



# Myrtle Cruz, Inc.

3401 Louisiana St, STE 400 . Houston, Tx 77002-9552 . (713)759-1368 . fax 759-1264 . email first\_last@mcruz.com

## FORT BEND COUNTY WCID # 3

Cash Report for Meeting of October 20th, 2017

### DEBT SERVICE FUND (190BF) : NO CHECKING

Previous cash balance, September 15th, 2017 0.00

#### TIME DEPOSIT INVESTMENTS:

Green Bank; 3/06/17 to 3/06/18 @ .70%..... 246,755.68

#### DEMAND DEPOSIT INVESTMENTS:

Compass Bank; Acct#: 2514457584..... 50,970.61

balance last report 50,935.65

08/01 Interest 52.96

08/15 Service Charge 18.00-

Texpool; Acct#: 77484-07935-00001..... 1,933.98

previous balance 1,933.98

Texstar; Acct#: 07901-33330..... 1,901.78

previous balance 1,900.19

08/31 Interest 1.59

previous investments 301,525.50

interest 54.55

withdrawals < 18.00 >

ending investments 301,562.05

DEBT SERVICE FUNDS AVAILABLE October 20th, 2017

\$301,562.05

Debt Service Requirements for 2018: \$298,988.00  
3/1/2018 9/1/2018

SERIES 2011R		
Interest	\$ 9,619.50	\$ 9,619.50
Principal	-0-	\$110,000.00
SERIES 2013R		
Interest	\$ 17,914.50	\$ 17,914.50
Principal	-0-	\$ 65,000.00
SERIES 2016R		
Interest	\$ 14,460.00	\$ 14,460.00
Principal	-0-	\$ 40,000.00

TOTAL DUE: \$ 41,994.00 \$256,994.00

\*  
\*

FORT BEND COUNTY WCID # 3

Cash Report for Meeting of October 20th, 2017 Page : 2

OPERATING ACCT (1900P) : COMPASS BANK 75234 :)

Previous cash balance, September 15th, 2017	17,937.29
plus: 1150: water & sewer revenue.....	18,334.06
plus: 4300: reg wtr auth revenue.....	19,098.11
plus: 4330: penalties & interest-svc accts.....	518.44
plus: 08/01 Interest Earned.....	3.25
plus: 09/15 Void CK#: 3861 - dna.....	138.52
plus: 10/18 Overpayment Refund from PBK, Inc. - CK#:112240.....	5,410.91

Total Deposits : 43,503.29

less: 08/15 Service Charge.....	3.25
less: 09/19 3rd Quarter IRS Payroll Tax Wire.....	504.88

less checks completed at or after last meeting :

3875 Engie Resources; 5020 Skinner Ln.....	949.92
3876 Engie Resources; 11730 1/2 Mason Rd.....	732.46
3877 Centerpoint Energy; 5020 Skinner Ln.....	32.94
3878 Clancy's; 09/15 Meeting Expense.....	238.39

Beginning cash balance, October 20th, 2017 58,978.74

less checks to be presented at this meeting :

3879 Richard Wasser; 10/20 Director Fee.....	138.52
6310 director fees	150.00
6514 payroll taxes	11.48-
3880 Ann Heil; 10/20 Director Fee.....	138.52
6310 director fees	150.00
6514 payroll taxes	11.48-
3881 Lloyd Knapp; 10/20 Director Fee.....	138.52
6310 director fees	150.00
6514 payroll taxes	11.48-
3882 Chayo Huff; 10/20 Director Fee.....	138.52
6310 director fees	150.00
6514 payroll taxes	11.48-
3883 Gloria Couch; 10/20 Director Fee.....	138.52
6310 director fees	150.00
6514 payroll taxes	11.48-
3884 Myrtle Cruz, Inc; Sept/Aug. Bookkeeping & Office Expenses....	1,905.14
6333 bookkeeping expenses	1,557.50
6340 office expenses	189.90
6340 Aug. Office Expenses	157.74
3885 Sanford Kuhl Hagan Kugle Parker Khan LLP; Inv#:17-2202.....	4,548.06
3886 PBK; Engineering - Inv#: 509556.....	2,520.00
3887 Municipal Operations & Consulting, Inc.; Inv#: IN-1419.....	18,218.00
6332 operator's fees	1,091.00
6340 office/admin expense	895.70
6324 laboratory expenses	461.40
6135 r&m water plant	4,158.56
6135 r&m wtr distribution	1,522.80
6335 Emergency-Harvey	10,088.54
3888 Water Utility Services, Inc.; Inv#: 37328 - Lab.....	57.00
3889 NAPCO Chemical Company, Inc.; 173562/173904/174443/175082/4951	573.04
6342 Inv#: 173562	121.00
6342 Inv#: 173904	132.00
6342 Inv#: 174443	110.00
6342 Inv#: 175082	89.04
6342 Inv#: 174951	121.00
3890 Seaback Maintenance Inc.; Inv#s:201707126/201708126/09180...	1,073.00
6335 Inv#201707126-Mowing	320.00
6335 Inv#201709180-Ditch	433.00
6335 Inv#201708126-Mowing	320.00
3891 DSHS Central Lab MC2004; Acct#: CEN.CD0918_072017.....	797.90
3892 Accurate Meter & Backflow, LLC; Inv#s:26831/26855 Meter Test	775.00
6135 Inv#:26831	375.00

FORT BEND COUNTY WCID # 3

Cash Report for Meeting of October 20th, 2017 Page : 3

6135	Inv#:	26855	400.00	
3893	S.T.P. Services; Inv#:	21277		700.00
3894	G-M Inspection Services, L.P.; Inv#:	14664 Well Test		1,000.00
3895	AT&T; Acct#:	281-239-0518 881 7		133.55
3896	AT&T; Acct#:	281-344-8462 344 7		168.36
3897	AWBD; Acct#:	201178 Heil Winter Conferenece-#:165842		295.00
		6354 Heil-winter Conf.	295.00	
3898	Engie Resources; Acct#:	26755-46006 5020 Skinner Ln		
3899	Engie Resources; Acct#:	89486-99007 11730 1/2 Mason Rd		
3900	Centerpoint Energy; Acct#:	7677443-9 @ 5020 Skinner Ln		
3901	Clancy's; 10/20 Meeting Expense			

	previous cash balance		17,937.29	
08/11-10/12	5 receipts		43,503.29	
	23 current checks	<	33,456.65 >	
	other disbursements	<	2,461.84 >	
	ending cash balance			25,522.09

TIME DEPOSIT INVESTMENTS:

Texan Bank; 06/03/17 to 06/03/18 @ 1.00%	101,812.44
Allegiance Bank; 06/03/17 to 06/03/18 @ 1.00%	105,802.04

DEMAND DEPOSIT INVESTMENTS:

Texpool; Acct#:	77484-07935-00002	228,300.11
	previous balance	228,300.11
Compass; Acct#:	2530956884	2,345.33
	previous balance	2,345.33
	08/01 Interest	1.42
	08/15 Service Charge	1.42-
Texstar; Acct#:	07901-22220	49,696.59
	previous balance	49,638.03
	08/31 Interest	58.56
	previous investments	487,897.95
	interest	59.98
	withdrawals	< 1.42 >
	ending investments	487,956.51

OPERATING ACCT FUNDS AVAILABLE October 20th, 2017

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\$513,478.60

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**Fort Bend County Water Control & Improvement District #3**  
**Budget for Fiscal Year Ending July 31, 2018**

**20-Oct-17**

**REVENUE:**

Water Revenue/Penalty Revenue  
 Tap Fee/Sewer Inspection Fee  
 GRP  
 Maintenance Tax  
 Interest Earnings  
**TOTAL REVENUE:**

		2 months		
Actual MTD	Budget MTD	Actual YTD	Budget YTD	Annual Budget
18,852.50	12,500.00	32,281.92	25,000.00	150,000.00
0.00	0.00	0.00	0.00	0.00
19,098.11	11,250.00	32,528.63	32,528.63	135,000.00
0.00	0.00	529.45	529.45	240,000.00
58.56	250.00	58.56	500.00	3,000.00
<b>38,009.17</b>	<b>24,000.00</b>	<b>65,398.56</b>	<b>58,558.08</b>	<b>528,000.00</b>

**EXPENSES:**

Legal Fees  
 Engineering Fees  
 Engineering Fees - Special Projects  
 Operator's Fees  
 Directors Fees  
 Payroll Taxes  
 Tap & Inspection Expenses  
 Election Expenses  
 Office Expenses  
 Bookkeeping Fees  
 Audit  
 Insurance & Bonds  
 Lab Expenses  
 Repairs/Maintenance  
 Ditch Maintenance  
 Permits/Reg. Assessment  
 Chemicals  
 Mowing  
 GRP Fee  
 Utilities  
 Travel Expense  
 AWBD Membership & Registration Fees  
 Drainage/Capital Improvements  
 Miscellaneous  
**TOTAL EXPENSES:**

Actual MTD	Budget MTD	Actual YTD	Budget YTD	Annual Budget
4,548.06	3,000.00	7,474.23	6,000.00	36,000.00
2,520.00	416.67	2,520.00	833.33	5,000.00
0.00	2,500.00	0.00	5,000.00	30,000.00
1,091.00	1,250.00	2,173.00	2,500.00	15,000.00
600.00	1,250.00	1,500.00	2,500.00	15,000.00
458.96	108.33	390.08	216.67	1,300.00
0.00	83.33	0.00	166.67	1,000.00
0.00	833.33	0.00	1,666.67	10,000.00
1,481.73	1,250.00	2,708.90	2,500.00	15,000.00
1,557.50	1,541.67	3,082.50	3,083.33	18,500.00
0.00	0.00	0.00	12,000.00	12,000.00
0.00	0.00	0.00	6,800.00	6,800.00
1,316.30	616.67	1,850.08	1,233.33	7,400.00
18,244.90	4,583.33	23,748.91	9,166.67	55,000.00
433.00	2,083.33	866.00	4,166.67	25,000.00
0.00	125.00	0.00	0.00	1,500.00
573.04	266.67	683.04	533.33	3,200.00
640.00	416.67	640.00	833.33	5,000.00
0.00	14,833.33	0.00	29,666.67	178,000.00
2,017.23	2,083.33	4,372.45	4,166.67	25,000.00
0.00	583.33	0.00	1,166.67	7,000.00
295.00	416.67	295.00	833.33	5,000.00
0.00	4,108.33	9,696.97	8,216.67	49,300.00
0.00	83.33	0.00	166.67	1,000.00
<b>35,776.72</b>	<b>42,433.33</b>	<b>62,001.16</b>	<b>103,416.67</b>	<b>528,000.00</b>

Beginning Balance  
 Customer Deposits (Net)  
 Prior Year Overpayment Refund from PBK, Inc.

**505,835.24**  
**0.00**  
**5,410.91**

**504,720.29**  
**(50.00)**  
**5,410.91**

Net Surplus or (Deficit)

**2,232.45**

**3,397.40**

**0.00**

**Funds Available as of:**

**513,478.60**

**513,478.60**

**20-Oct-17**

**NUMBER OF MONTHS OF OPERATING RESERVE:**

**11.67**



## GRP REVENUE COLLECTED

Date	Amount
09/19/15 - 10/17/15	\$11,568.64
10/17/15 - 11/18/15	\$10,853.90
11/18/15 - 12/18/15	\$6,174.83
12/18/15-01/19/16	\$3,989.39
01/19/16-02/19/16	\$3,967.51
02/19/16-03/22/16	\$6,311.62
03/22/16-04/21/16	\$7,991.77
4/21/16-05/19/16	\$8,048.51
05/19/16-06/17/16	\$6,846.30
06/17/16-07/20/16	\$5,060.02
07/20/16-08/22/16	\$14,792.84
08/22/16-09/23/16	\$18,261.08
09/23/16-10/24/16	\$10,010.41
10/24/16-11/23/16	\$12,715.87
11/23/16-12/26/16	\$10,012.77
12/26/16-01/24/17	\$4,694.87
01/24/17-02/22/17	\$5,600.77
2/22/17-03/22/17	\$5,510.12
03/22/17-04/21/17	\$6,765.39
04/21/17-05/22/17	\$10,263.20
05/22/17-06/21/17	\$15,650.20
06/21/17-07/21/17	\$12,915.09
07/21/17-08/22/17	\$13,430.52
08/22/17-09/21/17	\$19,098.11

\$230,533.73
--------------

District: Fort Bend County Water Control & Improvement District #3

Utility Tracking: ENGIE RESOURCES

2017	11730 1/2 Mason Rd.	kWh Used	Amount paid
Month:	January	4,320	\$ 536.41
	February	7,680	\$ 728.62
	March	5,376	\$ 598.83
	April	12,288	\$ 1,047.17
	May	8,640	\$ 785.39
	June	10,080	\$ 881.11
	July	11,808	\$ 984.41
	August	7,008	\$ 732.46
	September		
	October		
	November		
	December		
Total:		67,200	\$ 6,294.40

2017  
Month:

5020 Skinner	kWh Used	Amount paid
January	2,880	\$ 546.44
February	960	\$ 433.94
March	8,000	\$ 865.15
April	3,680	\$ 639.67
May	10,080	\$ 1,000.18
June	11,840	\$ 1,099.32
July	11,040	\$ 1,042.36
August	8,960	\$ 949.92
September		
October		
November		
December		
Total:	57,440	\$ 6,576.98

INVESTMENT REPORT, AUTHORIZATION AND REVIEW

Prepared for the reporting period ("Period") from

9/1/2017

to

9/30/2017

Investment Pools		Rate	Beginning Value for Period			Interest earned	Deposits or	Ending Value for Period		
			Book	N.A.V.	Market	this Period	(Withdrawals)	Book	N.A.V.	Market
BF	TEXPOOL	AAAm	1,933.98	1.00085	1,935.62	0.00	0.00	1,933.98	1.00003	1,934.04
BF	TEXSTAR	AAAm	1,900.19	1.00002	1,900.23	1.59	0.00	1,901.78	1.00002	1,901.82
BF	Compass		50,935.65	0.00000	50,935.65	34.96	0.00	50,970.61	0.00000	50,970.61
OA	Compass		2,345.33	0.00000	2,345.33	0.00	0.00	2,345.33	0.00000	2,345.33
OA	TEXPOOL	AAAm	228,300.11	1.00085	228,494.17	0.00	0.00	228,300.11	1.00003	228,306.96
OA	TEXSTAR	AAAm	49,638.03	1.00002	49,639.02	58.56	0.00	49,696.59	1.00002	49,697.68
			335,053.29		335,250.02	95.11	0.00	335,148.40		335,156.44
			0.8890%							

Certificates of Deposits		Rate	Purchase Value	Term in Days	Begin Value for Period	Interest accrued this period	Deposits or (Withdrawals)	Ending Value for Period	Date of Purchase	Date of Maturity
BF	Green Bank	0.70%	246,755.68	365	247,602.76	141.97	0.00	247,744.73	3/6/2017	3/6/2018
OP	Texan Bank	1.00%	101,812.44	365	102,063.48	83.68	0.00	102,147.17	6/3/2017	6/3/2018
OP	Allegiance Bank	1.00%	105,802.04	365	106,062.92	86.95	0.00	106,149.87	6/3/2017	6/3/2018
			1.0000%		454,370.16	1095		455,729.17		112
total investments			0.9315%		789,423.45	1095		790,979.19		65
								791,190.17		65

Compliance Statement.

The investments (reported on above) for the Period are in compliance with the investment strategy expressed in the District's Investment Policy and the Public Funds Investment Act.

Review.

This report and the District's Investment Policy are submitted to the Board for its review and to make any changes thereto as determined by the Board to be necessary and prudent for the management of District funds.

Signatures.

Myrtle Cruz, Inc.

Investment Officer  
Mary Jarnon

(please sign & date)  
Training Completed on September 1, 2017

Bookkeeper (Myrtle Cruz, Inc.): Christina Cole



## Deposit / Collateral Report by District

### FORT BEND COUNTY WCID 3

Tax ID - Pledge: 760555293-20411  
 1st. Consultant: MCI-MYRTLE CRUZ, INC.  
 2nd. Consultant:

### BBVA Compass Bank

Pledge Date: 09/01/2017  
 Accounts Through: 8/31/2017 10:00 PM  
 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>
0000075234	Interest Account		\$77,555.45	\$0.00	\$77,555.45
2530956884	Interest Account		\$2,345.33	\$0.00	\$2,345.33
6726060922	Interest Account		\$33,642.66	\$0.00	\$33,642.66
<b>Subtotal Interest Account</b>			<b>\$113,543.44</b>	<b>\$0.00</b>	<b>\$113,543.44</b>

#### Bond Fund

<u>Acct No</u>	<u>Funds Type</u>	<u>Class</u>	<u>Balance</u>	<u>Interest</u>	<u>Total</u>
2514457584	Bond Fund		\$50,970.61	\$0.00	\$50,970.61
<b>Subtotal Bond Fund</b>			<b>\$50,970.61</b>	<b>\$0.00</b>	<b>\$50,970.61</b>
<b>Total Deposits</b>			<b>\$164,514.05</b>	<b>\$0.00</b>	<b>\$164,514.05</b>

### 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	110954	05/31/2018	05/31/2017 01:15 PM	400,000	\$400,000.00
<b>Total Securities Pledged</b>					<b>400,000</b>	<b>\$400,000.00</b>

### DEPOSIT / COLLATERAL POSITION CALCULATION

Subtotal Interest Deposits	\$113,543.44
Subtotal Non-Interest Deposits	\$0.00
Subtotal Bond Fund Deposits	\$50,970.61
<b>TOTAL DEPOSITS</b>	<b>\$164,514.05</b>
LESS APPLICABLE FDIC	
Subtotal Interest Deposits	\$113,543.44
Subtotal Non-Interest Deposits	\$0.00
Subtotal Bond Fund Deposits	\$50,970.61
Deposits Requiring Collateral	\$0.00
<b>TOTAL SECURITIES PLEDGED</b>	<b>\$400,000.00</b>
DEPOSIT COLLATERAL POSITION - 100%	\$400,000.00
DEPOSIT COLLATERAL POSITION - 105%	\$400,000.00
	0%



# Deposit / Collateral Report by District

**PLEDGED**

## FORT BEND COUNTY WCID 3

BBVA Compass Bank

Tax ID - Pledge: 760555293-20411

Pledge Date: 10/02/2017

1st. Consultant: MCI-MYRTLE CRUZ, INC.

Accounts Through: 9/29/2017 10:00 PM

2nd. Consultant:

Memo Posts Through: NO MEMO POSTS

## Deposits

### Interest Account

Acct No	Funds Type	Class	Balance	Interest	Total
0000075234	Interest Account		\$18,512.68	\$0.00	\$18,512.68
2530956884	Interest Account		\$2,345.33	\$0.00	\$2,345.33
6726060922	Interest Account		\$40,993.52	\$0.00	\$40,993.52
<b>Subtotal Interest Account</b>			<b>\$61,851.53</b>	<b>\$0.00</b>	<b>\$61,851.53</b>

### Bond Fund

Acct No	Funds Type	Class	Balance	Interest	Total
2514457584	Bond Fund		\$50,992.85	\$0.00	\$50,992.85
<b>Subtotal Bond Fund</b>			<b>\$50,992.85</b>	<b>\$0.00</b>	<b>\$50,992.85</b>
<b>Total Deposits</b>			<b>\$112,844.38</b>	<b>\$0.00</b>	<b>\$112,844.38</b>

## Securities

Agency	Custodian	CUSIP	Maturity Date	Date Pledged	Units Pledged	Market Value
FHLB-A-LO	CH	110954	05/31/2018	05/31/2017 01:15 PM	400,000	\$400,000.00
<b>Total Securities Pledged</b>					<b>400,000</b>	<b>\$400,000.00</b>

## DEPOSIT / COLLATERAL POSITION CALCULATION

Subtotal Interest Deposits	\$61,851.53
Subtotal Non-Interest Deposits	\$0.00
Subtotal Bond Fund Deposits	\$50,992.85
<b>TOTAL DEPOSITS</b>	<b>\$112,844.38</b>
LESS APPLICABLE FDIC	
Subtotal Interest Deposits	\$61,851.53
Subtotal Non-Interest Deposits	\$0.00
Subtotal Bond Fund Deposits	\$50,992.85
Deposits Requiring Collateral	\$0.00
<b>TOTAL SECURITIES PLEDGED</b>	<b>\$400,000.00</b>
<b>DEPOSIT COLLATERAL POSITION - 100%</b>	<b>\$400,000.00</b>
<b>DEPOSIT COLLATERAL POSITION - 105%</b>	<b>\$400,000.00</b>
	<b>0%</b>



# WATER UTILITY OPERATIONS

# MOC

**MUNICIPAL OPERATIONS & CONSULTING, INC.**

## MONTHLY OPERATIONS REPORT FOR FORT BEND COUNTY W.C.I.D. NO. 3

September 2017

CONNECTIONS: 217  
VACANT: 0

TAPS THIS MONTH: 0  
TAPS YTD: 1

**REVENUE:**

Water	COR GRP Fee	TCEQ	Over Pmts	Insp. Fees	Penalty	Deposit	Misc.	Tap Fees	TOTAL
\$ 17,632.52	\$ 19,098.11	\$ 86.48	\$ 566.32	\$ -	\$ 518.44	\$ -	\$ -	\$ -	\$ 37,901.87

**WATER - BILLING CYCLE: 8/22/17 - 9/21/17**

Total Gallons pumped well #1	1,390,000		<b>Pond Wells</b>	Well1	0		Permitted pumpage:	150,000,000
Total Gallons pumped well #2	3,715,000		Well 2	100		Wells pumped YTD:	63,228,000	
City of Richmond Interconnect	500,000		Well 3	100		Ponds pumped YTD:	16,615,300	
Construction / Flushing	50,000		Well 4	100		Remaining pumpage:	70,156,700	
Total Gallons billed	5,405,000		Well 5	0				
Billed vs. pumped	97%		Well 6	0		Permit dates: 10/1/16 - 9/30/17		
For the year	100%							
Total irrigation consumption	24,000							
Total \$ billed out water	\$ 11,617.25							

Bacteriological samples:	<u># Taken</u>	<u>Results</u>
	1	Good

BILLING STATUS:	<u>Current</u>	<u>30 day</u>	<u>60 day</u>	<u>90 day</u>	<u>120 day</u>	<u>Total</u>
Penalty	\$ -	\$ 184.39	\$ 38.31	\$ 22.64	\$ -	\$ 245.34
Tap Fees	\$ -	\$ (56.77)	\$ -	\$ -	\$ -	\$ (56.77)
TCEQ Fee	\$ 58.36	\$ 0.97	\$ 1.94	\$ 0.56	\$ 0.37	\$ 62.20
Water	\$ 11,617.25	\$ 560.79	\$ 185.00	\$ 112.50	\$ 19.83	\$ 12,495.37
City of Richmond SWF	\$ 11,838.20	\$ 1,138.07	\$ 222.22	\$ 113.40	\$ 33.79	\$ 13,345.68
Deposit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Connect	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Misc.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 23,513.81</b>	<b>\$ 1,827.45</b>	<b>\$ 447.47</b>	<b>\$ 249.10</b>	<b>\$ 53.99</b>	<b>\$ 26,091.82</b>

**Pond Wells Monthly**

Pond well 1	0
Pond well 2	100
Pond well 3	100
Pond well 4	100
Pond well 5	0
Pond well 6	0
Pond GRP	\$0.63

**Pond Wells YTD**

Pond well 1	0
Pond well 2	4,703,000
Pond well 3	732,000
Pond well 4	3,810,200
Pond well 5	7,369,100
Pond well 6	1,000
Pond GRP YTD	\$34,892.13

Current GRP Rate: \$2.10 per thousand gallons

63,228,000

Well 1 & 2 YTD  
Permitted amount: 120 Million

16,615,300

Pond Well Pumped YTD  
Permitted amount: 30 Million

79,843,300

Pumped YTD  
Permitted amount: 150 Million

## MONTHLY OPERATIONS REPORT FOR FORT BEND COUNTY W.C.I.D. NO. 3

### Top Usage September 2017

Name	Service Address	Usage
Huckman, Michael	2408 Esperanza	169,000
Lantz, Don	2407 Caney Creek Court	78,000
<b>Farkooshi, Mahin</b>	<b>2227 Texana Way</b>	<b>72,000</b>
<b>Huffman, Joe Dan</b>	<b>2515 Texana Way</b>	<b>71,000</b>
Coons, Gregory	2735 Cavallo Pass	67,000
<b>Olson, Olin</b>	<b>2719 Palmetto Bend</b>	<b>66,000</b>
Zakaria, Mohammed	2306 Texana Way	65,000
Akinokun, Akintayo	2726 Garcitas Creek	63,000
Deal, Katie & Jon	2515 Ginger Mint	62,000
Richey, Todd	2515 Lasalle Lane	57,000
Morrison, Dakin	2703 Cavallo Pass	57,000
<b>Howard, David Lee</b>	<b>2910 Hinkles Ferry</b>	<b>57,000</b>
<b>Brown, Gerald</b>	<b>2711 Palmetto Bend</b>	<b>57,000</b>
Leggett, Kim	2202 Texana Way	55,000
Sharon, Menegaz	2735 Garcitas Creek	55,000
<b>Dimelow, Barbara</b>	<b>2527 Caney Creek</b>	<b>54,000</b>
<b>Willman, Larry</b>	<b>2406 Caney Creek</b>	<b>52,000</b>
Herndon, John	2818 Decros Point	52,000
Walters, Kelley	2627 Caney Creek	52,000
Dietrich, George	2719 Cedar Lake	49,000

Average consumption for current month:  
25,694

### Irrigation consumption by month

January	23,000	July	79,000
February	43,000	August	109,000
March	90,000	September	24,000
April	103,000	October	
May	109,000	November	
June	79,000	December	

Irrigation consumption YTD  
659,000





# Fort Bend County W.C.I.D. No. 3

## ENGINEERING REPORT

October 20, 2017

A. Lake 6 Dam-Spillway Structure Report

- Report is attached.

B. Brandt Road Project

- Fort Bend County has plans to extend Brandt Road along the northerly boundary of WCID3 and connect to Mason Road just north of Austin Elementary School. There is a valid concern that the extension of Brandt Road could act as a levee preventing runoff that currently overflows from the Jones Creek watershed and enters Oyster Creek during extremely heavy rainfall. I visited with Mark Vogler, Fort Bend County Drainage District Engineer, about the District's concern. Mark Vogler said he understood, but that we would need to first visit with Stacy Slawinski of the Fort Bend County Engineering Department as they are in charge of the Brandt Road project. I placed a call to Stacy Slawinski, but he has been out of town and I have not been able to visit with him to date. I will continue to reach out to Mr. Slawinski and keep the Board up to date.

End of Report



PBK Engineers  
11 Greenway Plaza, 22<sup>nd</sup> Floor  
Houston, Texas 77046  
Phone: 713.965.0608  
PBK.com

## **INSPECTION REPORT**

### **Lake 6 Dam-Spillway Structure Fort Bend County WCID No. 3**

Report Date: October 16, 2017  
Inspection Date: October 13, 2017  
Inspection Time: 8:00 a.m.  
Weather: Sunny, 75° F  
Attendees: Trey Schneider

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PBK Engineers, at the request of Fort Bend County WCID No. 3, performed an inspection of the existing Dam/Spillway located on Lake 6 of Texana Plantation Subdivision. The Lake 6 Dam/Spillway experienced extreme flooding and pressure as a result of the catastrophic rainfall during Tropical Storm Harvey. This report outlines our findings, opinion of the condition and remedial recommendations.

### **EXISTING LAKE 6 DAM-SPILLWAY INFORMATION:**

The existing Lake 6 Dam is a man-made, earthen structure located at the confluence of Lake 6 with Jones Creek (Photo #1). The earthen material is mostly clay and has an interlocking concrete block covered emergency spillway for erosion control (Photo #2). Normal flow of water from Lake 6 to Jones Creek is through a large diameter corrugated metal riser pipe structure (Photo #3). When the riser pipe capacity is exceeded, water from Lake 6 will go over the emergency spillway into Jones Creek, as it did during Tropical Storm Harvey.

Jones Creek is a natural, unimproved drainage channel that is overgrown with trees and underbrush (Photo #4). The lower end of the riser pipe structure extends into Jones Creek having concrete rip-rap at the end for erosion control within Jones Creek (Photo #5). Lake 6 existed for many decades prior to the development of Texana Plantation. The original purpose of the lake was for providing drinking water for cattle. When Section 6 of Texana Plantation was constructed, Lake 6 was improved along with the current Dam, Riser Pipe and Spillway Structures. The original Dam did not have a protected overflow spillway. The existing Lake 6 is an amenity lake and is not used for drainage control or detention.

### **SUMMARY OF FINDINGS:**

The top and lake side of the Lake 6 Dam structure are covered with native common Bermuda grass that is well mowed and maintained. The back side of the Lake 6 Dam structure is also the side slope of Jones Creek and is overgrown with trees and underbrush (Photo #6). The overall condition of the earthen dam appears to be in sound structural condition with the exception of one area of the emergency spillway. As can be seen in Photo #7, there is apparent erosion or settling of a portion of the emergency spillway on the lake side with the interlocking concrete blocks having dropped. Inspection of the back side of the dam does not show any deterioration of the earthen dam, which leads us to believe that water is not flowing through the earthen dam.

At the outfall of the riser pipe structure there appears to be the loss of or settling of the concrete rip-rap providing erosion control at the pipe outlet.

The riser pipe structure appears to be in good condition with no apparent corrosion or deterioration from our inspection of the top of the structure in Lake 6 and outlet of the structure (Photo #8 and Photo #9).

No other deficiencies were noted of the Lake 6 Dam/Spillway Structure.



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**CONCLUSIONS & RECOMMENDATIONS:**

The partially failed portion of the emergency spillway should be repaired by removal of the interlocking concrete blocks, pulling back the geotextile liner below the interlocking concrete blocks, backfilling of the sunken area with a hi PI earthen clay material, replacing the geotextile liner and reinstallation of the interlocking concrete blocks.

At the outlet of the riser pipe structure within Jones Creek should be backfilled with flowable fill and additional concrete rip-rap installed to the bottom of the outlet pipe.

It is our opinion no other remediation is required.

Trey Schneider, P.E.  
Partner  
TX Firm No: F-3709



10/16/2017



Photo 01: Lake 6 Earthen Dam Structure



Photo 02: Emergency Spillway Interlocking Concrete Block



Photo 03: Riser Pipe Structure



Photo 04: Jones Creek



Photo 05: Riser Pipe Structure Outlet at Jones Creek



Photo 06: Jones Creek side of Lake 6 Dam





Photo 07: Erosion at Emergency Spillway



Photo 08: Riser Pipe Outlet at Jones Creek



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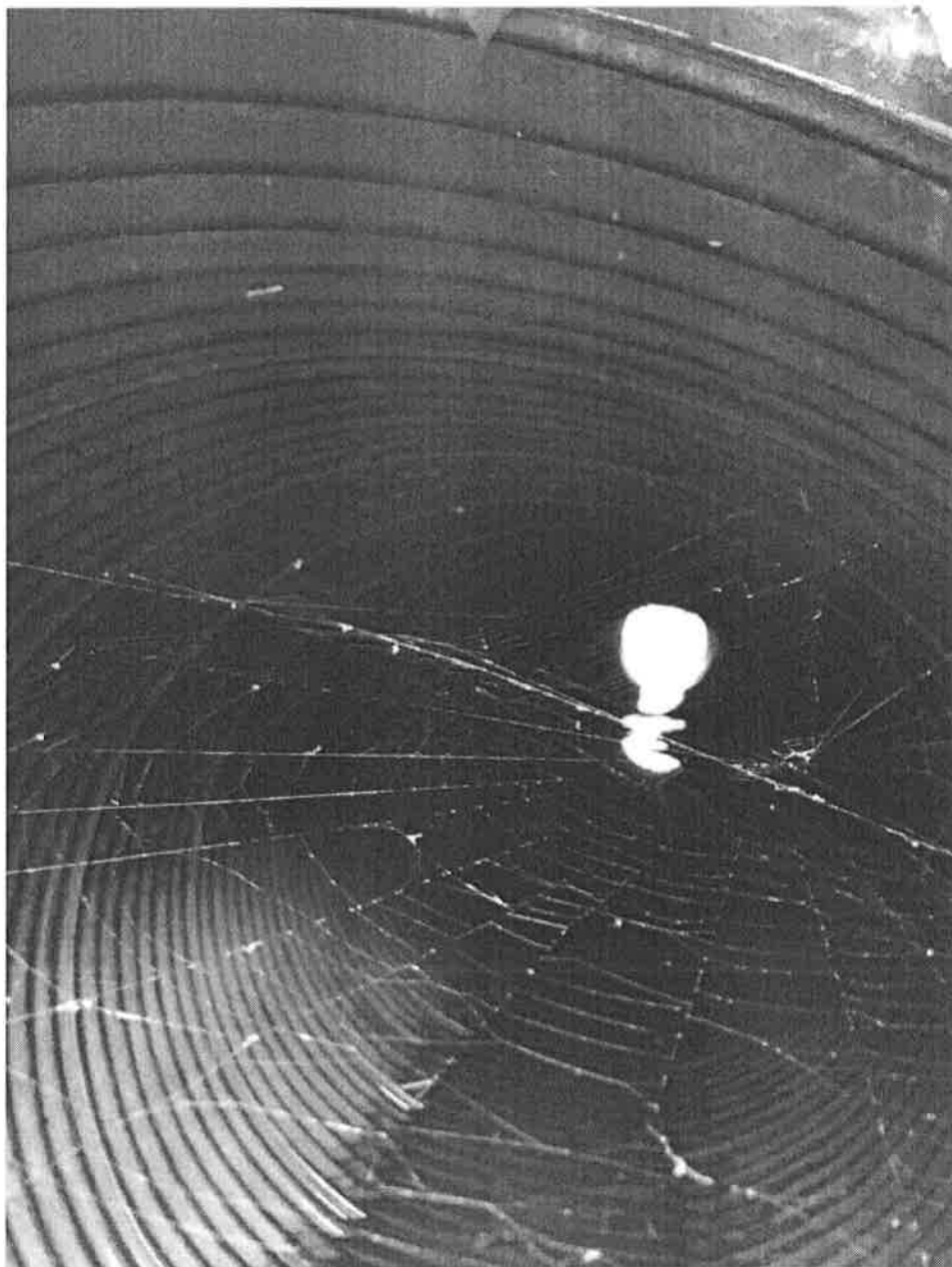


Photo 09 Interior of Outlet Pipe at Jones Creek

**END OF REPORT**



# Areas affected by Hurricane Harvey September 2017

There are currently 210 Homes in Texana.

