

NOTICE OF MEETING

WILLOW FORK DRAINAGE DISTRICT FORT BEND AND HARRIS COUNTIES, TEXAS

The Board of Directors of Willow Fork Drainage District hold a regular meeting on **Thursday, September 9, 2021, at 11:30 a.m.**, at the offices of **LJA Engineering, Inc., 1904 West Grand Parkway North, Suite 100, Katy, TX 77449***, to discuss and, if appropriate, act upon the following items:

1. Comments from the public.
2. Approve minutes.
3. Tax assessment and collections matters, including:
 - a. delinquent tax collections, installment agreements, and payment of tax bills; and
 - b. update regarding Section 2051.202, Section 26.18, Tax Code website.
4. Conduct public hearing regarding District's tax rate, adopt Order Levying Taxes, and authorize execution of Amendment to Information Form.
5. Engage auditor to conduct audit for fiscal year end September 30, 2021.
6. Financial and bookkeeping matters, including payment of the bills and review of investments, execution of depository pledge agreements, resolution(s) expressing intent to reimburse and amendment of budget, as necessary.
7. Adopt budget for year ending September 30, 2022.
8. Update on status of FEMA claim.
9. Maintenance of storm sewer lines, including repair of sinkholes and televising of outfalls and repair options for outfalls.
10. Operation of District facilities, repairs and maintenance, including ditch maintenance and desilting projects.
11. Engineering matters, including:
 - a. new drainage model and floodplain administrator duties;
 - b. report on outfall inspections and rehabilitation plan and review maintenance chart and authorize appropriate action;
 - c. discuss status of final pay estimate for-desilting of final 8200 linear feet of Diversion Channel, including approval of pay estimates and change orders, if any;
 - d. update on USACE Interim Study and authorize necessary action;
 - e. authorize appropriate action regarding pilot project in the Barker Reservoir with U.S. Army Corps of Engineers, including approval of plans and specifications and obtaining Corps approval;
 - f. discuss and take appropriate action regarding Texas Water Development Board application;

- g. discuss financing of all desilting, repairs, and rehabilitation work due to Hurricane Harvey and authorize appropriate action, including authorize execution of Interlocal Agreement with Grand Lakes Water Control & Improvement District No. 2 and authorize financial advisor to take necessary action to obtain bridge financing, if appropriate;
 - h. authorize appropriate action regarding contract for mid-block crossings;
 - i. deeds, easements, offsite drainage agreements, consents, including requests to transfer drainage capacity and requests to reserve drainage capacity;
 - j. design of District facilities;
 - k. status of ongoing repairs to facilities; and
 - l. MS-4 matters, including action items budget and implementation of matrix/timeline.
- 12. Park Matters, including approve Central Green budget and contracts, construction pay estimates and change orders, leases, easements, or other real estate matters, assignments of contracts, approval of plans and specifications, advertisement for bids, award of contracts, including Willow Fork Park, Exploration Park, and trail system, and design of new projects.
 - 13. Community communication matters.
 - 14. Receive report on current events, review of action items, and meeting schedule matters.



/s/ Steve Robinson
Attorney for the District

*** The Board will conduct an in-person meeting at its physical meeting location. As an accommodation during the current levels of transmission during this COVID-19 virus epidemic emergency, the Board is making available a telephone option for members of the public to listen to the meeting and to address the Board. The telephone number is (877) 402-9753, Access Code: 7731329. An electronic copy of the agenda packet (which consists of the regular reports presented to the Board by its consultants) can be found at: <https://www.willowforkdrainagedistrict.com/about/board-operations/>.**

Willow Fork Drainage District reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Texas Government Code, Section 551.071 (Consultation with Attorney about Pending or Contemplated Litigation), Section 551.072 (Deliberations about Real Property), Section 551.073 (Deliberations about Gifts and Donations), Section 551.074 (Personnel Matters), Section 551.076 (Deliberations about Security Devices), and Section 551.086 (Economic Development).

Persons with disabilities who plan to attend this meeting and would like to request auxiliary aids or services are requested to contact the District's attorney at (713) 860-6400 at least three business days prior to the meeting so that appropriate arrangements can be made.

SUMMARY MONTHLY REPORT OF PROPERTY TAXES

COLLECTED BY CARMEN P. TURNER, MPA, TAX ASSESSOR-COLLECTOR OF FT. BEND COUNTY, TEXAS DURING THE MONTH OF JULY 2021
I, CARMEN P. TURNER, MPA, TAX ASSESSOR-COLLECTOR OF FORT BEND COUNTY, DO SOLEMNLY SWEAR THAT THE WITHIN ATTACHED SHEETS ARE A TRUE
AND CORRECT REPORT OF ALL PROPERTY TAXES COLLECTED DURING THE MONTH OF JULY 2021, SHOWING THE TOTAL COLLECTIONS AS FOLLOWS, VIZ:

STATE	CURRENT PAYMENTS	CURRENT P & I PAYMENTS	DELINQUENT PAYMENTS	DELINQUENT P&I	RENTITION PENALTY	RENTITION PENALTY	TOTAL TAX COLLECTION	JURS COMM	JURS DEPOSITS	DISBURSED TOTAL	TAX COLLECTION YTD TOTAL
COUNTY	-	-	487,876.92	124,163.27	(114.14)	-	611,926.05	-	-	611,926.05	327,007,016.98
DRAINAGE	-	-	19,430.85	4,844.28	(4.33)	-	24,270.80	242.73	-	24,028.07	12,887,835.45
LR & FC	-	-	-	-	-	-	-	-	-	-	17.47
W C JR COLL	-	-	13,059.72	1,682.17	(0.14)	-	14,741.75	-	-	14,741.75	1,813,033.66
FEES-ATTORNEY	-	-	504,371.30	-	-	-	504,371.30	-	-	504,371.30	2,750,173.41
FB PKW	-	-	-	-	-	-	-	-	-	-	0.42
KATY ISD	-	-	506,802.57	74,304.04	(54.53)	-	581,052.08	-	-	581,052.08	259,701,006.87
ENCLAVE @ RIVER PARK PID	-	-	420.00	-	-	-	420.00	-	-	420.00	76,815.33
LAMAR CISD	-	-	736,782.59	108,086.45	(50.57)	-	844,818.47	-	-	844,818.47	228,355,744.67
KENDLETON ISD	-	-	10,733.08	12,030.85	-	-	22,763.93	-	-	22,763.93	24,343.95
FORT BEND ESD #4	-	-	27,152.11	3,401.48	(1.15)	-	30,552.44	-	-	30,552.44	9,255,356.34
FORT BEND ESD #3	-	-	761.48	173.01	(0.14)	-	934.35	-	-	934.35	169,635.10
FULSHEAR	-	-	10,049.07	1,870.18	(1.38)	-	11,917.87	-	-	11,917.87	4,403,633.20
RICHMOND	-	-	50,705.12	4,509.99	(1.78)	-	55,213.33	-	-	55,213.33	4,011,358.68
FBISD	-	-	1,668,725.75	190,972.37	(138.13)	-	1,859,539.99	-	-	1,859,539.99	541,118,691.60
FBISD INACTIVE & CED INAC	-	-	-	-	-	-	-	-	-	-	0.00
FORT BEND MUD #46	-	-	8,117.82	0.03	-	-	8,117.85	-	-	8,117.85	2,666,872.89
UNL RDS	-	-	-	-	-	-	-	-	-	-	0.00
BEASLEY	-	-	79.39	(12.26)	-	-	67.13	-	-	67.13	134,938.53
ROSENBERG	-	-	31,660.16	7,986.75	(3.22)	-	39,643.69	-	-	39,643.69	11,461,764.07
ARCOLA	-	-	3,278.18	1,207.44	-	-	4,485.62	-	-	4,485.62	959,563.90
ORCHARD	-	-	905.71	140.52	-	-	1,046.23	-	-	1,046.23	88,858.81
KENDLETON	-	-	3,171.97	680.59	-	-	3,852.56	-	-	3,852.56	215,138.02
HARRIS FT BD ESD #100	-	-	1,930.45	1,096.31	(1.48)	-	3,025.28	-	14,796.82	17,822.10	3,898,949.02
MEADOWS PLACE	-	-	17,915.87	790.20	-	-	18,706.07	-	-	18,706.07	3,208,949.02
NEEDVILLE	-	-	5,808.46	833.29	(0.14)	-	6,641.61	-	-	6,641.61	785,266.37
SIMONTON	-	-	1,664.06	347.26	-	-	2,011.32	-	-	2,011.32	178,367.53
FT BD WATER SUPPLY #1	-	-	40,608.78	8,881.43	(2.81)	-	49,487.40	-	-	49,487.40	4,235,857.25
FT BD ESD #1	-	-	2,555.96	110.61	-	-	2,666.57	-	-	2,666.57	391,511.54
FT BD W C I D #2	-	-	259.07	3,173.85	(5.08)	-	3,427.84	-	-	3,427.84	9,634,530.52
H C C - STAFFORD	-	-	(3,325.23)	779.13	(1.44)	-	(2,547.54)	-	-	(2,547.54)	3,140,382.89
STAFFORD MSD	-	-	(30,519.56)	9,582.71	(17.91)	-	(20,954.76)	-	32,663.82	11,709.06	34,758,417.85
CITY OF STAFFORD	-	-	-	-	-	-	-	-	-	-	49.03
NEEDVILLE ISD & CED	-	-	106,556.15	16,118.40	(1.46)	-	122,673.09	-	-	122,673.09	16,846,080.11
FT BD ESD #2	-	-	5,940.95	1,238.01	(2.92)	-	7,176.04	-	-	7,176.04	7,216,078.73
ESD #5	-	-	12,475.81	1,895.00	(1.53)	-	14,369.28	-	-	14,369.28	5,342,633.91
FT BD MUD #134-C	-	-	27,389.14	234.41	-	-	27,623.55	-	-	27,623.55	10,511,249.35
FT BD MUD #41	-	-	7,400.34	1,244.94	-	-	8,645.28	-	-	8,645.28	1,435,747.46
WILLOWFORK DRAINAGE	-	-	21,878.02	1,449.01	(0.24)	-	23,326.79	-	-	23,326.79	7,894,190.55
CINCO MUD #9	-	-	8,962.78	1,171.62	(0.50)	-	10,133.90	-	-	10,133.90	1,527,090.21
CITY OF MISSOURI CITY	-	-	245,845.28	26,752.67	(15.14)	-	272,582.81	-	-	272,582.81	45,575,763.13
H C C - MISSOURI CITY	-	-	14,268.63	3,216.92	(2.19)	-	17,483.36	-	-	17,483.36	6,177,816.32
FBC FRESH WATER #2	-	-	6,873.92	1,174.40	(0.72)	-	8,047.60	-	-	8,047.60	1,057,949.83
CINCO MUD #2	-	-	7,100.69	204.65	(0.44)	-	7,304.90	-	-	7,304.90	2,125,612.44
CINCO MUD #5	-	-	4,156.67	17.37	-	-	4,174.04	-	10,217.21	14,391.25	910,309.97
CINCO MUD #7	-	-	3,967.13	169.47	-	-	4,136.60	-	-	4,136.60	1,897,314.61
PID#2 ASSESSMENT	-	-	1,525.90	-	-	-	1,525.90	-	-	1,525.90	739,205.70
PID#4 ASSESSMENT	-	-	-	-	-	-	-	-	-	-	398,563.43
CITY OF SUGAR LAND	-	-	206,202.03	15,103.96	(25.43)	-	221,280.56	-	11,981.29	233,261.85	54,729,848.71

WFD

[illegible]

SUBSCRIBED AND SWORN BEFORE ME, THIS 5th DAY OF August 2021

Carmen P. Turner

NOTARY PUBLIC, STATE OF TEXAS



COUNTY AUDITOR, FORT BEND COUNTY, TEXAS

FORT BEND COUNTY TAX OFFICE
TOTAL TAXES DUE - RECAP
59 - WILLOW FORK DRAINAGE DISTRICT

DATE	BEGINNING BALANCE	CURRENT PAYMENTS	PREVIOUS YR PAYMENTS	CURRENT LEVY ADL.	PREVIOUS YR LEVY ADL.	2020 TAXES	TOTAL
07/01/2021	114,399.77		544.21				113,871.10
07/02/2021	113,871.10		(383.79)		(1,072.88)		113,487.31
07/03/2021	113,487.31						113,487.31
07/06/2021	113,487.31		(2,630.67)				110,856.64
07/07/2021	110,856.64		(650.04)				110,206.60
07/08/2021	110,206.60		(1,198.10)				109,008.50
07/09/2021	109,008.50		(112.39)				108,896.11
07/12/2021	108,896.11		(272.84)				108,623.27
07/13/2021	108,623.27		(1,328.05)				107,295.22
07/14/2021	107,295.22		(1,491.52)				105,803.70
07/15/2021	105,803.70		(2,271.04)				103,532.66
07/16/2021	103,532.66		(663.67)				102,868.99
07/19/2021	102,868.99		(612.26)				102,256.73
07/20/2021	102,256.73		(1,022.00)				101,234.73
07/21/2021	101,234.73		(508.50)				100,726.23
07/22/2021	100,726.23		(1,135.50)				99,590.73
07/23/2021	99,590.73		(1,089.99)				98,510.91
07/26/2021	98,510.91		(1,586.92)		10.17		96,988.73
07/27/2021	96,988.73		(569.08)		64.74		96,419.65
07/28/2021	96,419.65		(1,885.06)		0.01		94,534.60
07/29/2021	94,534.60		(1,666.93)				92,867.67
07/30/2021	92,867.67		(1,343.88)				91,523.79
TOTAL		0.00	(21,878.02)	0.00	(997.96)	0.00	

07/30/2021 22:12:21 3799226
TC298-D SELECTION: DEPOSIT

RECEIPT DATE: ALL
LOCATION: ALL

TAX COLLECTION SYSTEM
DEPOSIT DISTRIBUTION
FROM: 07/01/2021 THRU 07/30/2021
JURISDICTION: 0059 WILLOWFORK DRAINAGE

PAGE: 37
INCLUDES AG ROLLBACK

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2020	M & O	.080000	9,117.25	.00	502.72	.00	9,619.97	805.49	.00	.00	10,425.46
	I & S	.105000	11,966.37	.00	659.90	.00	12,626.27	.00	.00	.00	12,626.27
	TOTAL	.185000	21,083.62	.00	1,162.62	.00	22,246.24	805.49	.00	.00	23,051.73
2019	M & O	.095000	390.91	.00	135.93	.00	526.84	29.90	.00	.00	556.74
	I & S	.090000	370.35	.00	128.73	.00	499.08	.00	.00	.00	499.08
	TOTAL	.185000	761.26	.00	264.66	.00	1,025.92	29.90	.00	.00	1,055.82
2018	M & O	.100000	3.26	.00	3.88	.00	7.14	.00	.00	.00	7.14
	I & S	.085000	2.77	.00	3.29	.00	6.06	.00	.00	.00	6.06
	TOTAL	.185000	6.03	.00	7.17	.00	13.20	.00	.00	.00	13.20
2017	M & O	.090000	13.19	.00	7.08	.00	20.27	8.33	.00	.00	28.60
	I & S	.095000	13.92	.00	7.48	.00	21.40	.00	.00	.00	21.40
	TOTAL	.185000	27.11	.00	14.56	.00	41.67	8.33	.00	.00	50.00
ALL	M & O		9,524.61	.00	649.61	.00	10,174.22	843.72	.00	.00	11,017.94
ALL	I & S		12,353.41	.00	799.40	.00	13,152.81	.00	.00	.00	13,152.81
ALL	TOTAL		21,878.02	.00	1,449.01	.00	23,327.03	843.72	.00	.00	24,170.75
DLQ	M & O		9,524.61	.00	649.61	.00	10,174.22	843.72	.00	.00	11,017.94
DLQ	I & S		12,353.41	.00	799.40	.00	13,152.81	.00	.00	.00	13,152.81
DLQ	TOTAL		21,878.02	.00	1,449.01	.00	23,327.03	843.72	.00	.00	24,170.75
CURR	M & O		.00	.00	.00	.00	.00	.00	.00	.00	.00
CURR	I & S		.00	.00	.00	.00	.00	.00	.00	.00	.00
CURR	TOTAL		.00	.00	.00	.00	.00	.00	.00	.00	.00

FORT BEND COUNTY

Date: 08/04/2021 14:50:55

Rendition Commission Distribution Detail
from 07/01/2021 to 07/30/2021

Tax Unit Page: 1 of 1

Tax Unit: 59 WILLOWFORK DRAINAGE

Account No.	Year	Deposit	Levy Collected	Rendition Penalty	P & I Collected	Rendition P & I	Appraisal Commission	Disbursement Amount
9960032200145914	2020	CC210713	51.71	4.70	9.31	0.00	0.24	60.78
Total for 2020			51.71	4.70	9.31	0.00	0.24	60.78
Total for Tax Unit 59 WILLOWFORK DRAINAGE			51.71	4.70	9.31	0.00	0.24	60.78

07/30/2021 22:49:3 3799227
TC168

TAX COLLECTION SYSTEM
TAX COLLECTOR MONTHLY REPORT
FROM 07/01/2021 TO 07/30/2021

PAGE: 46
INCLUDES AG ROLLBACK

FISCAL START: 10/01/2020 END: 09/30/2021 JURISDICTION: 0059 WILLOWFORK DRAINAGE

	CERT TAXABLE VALUE	ADJUSTMENTS	ADJ TAX VALUE	TAX RATE	TAX LEVY	PAID ACCTS
CURRENT YEAR	4,261,373.137	2,404,936	4,263,778.073	00.185000	7,890,149.03	14,525

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
2020	7,883,616.02	1,072.87-	6,533.01	21,083.62	7,851,236.94	38,912.09	99.51	0.00
2019	30,199.01	13.88-	9,149.03-	761.26	6,241.60	14,808.38	29.65	58.83-
2018	7,607.80	78.62	1,229.31-	6.03	37.63-	6,416.12	.59-	0.00
2017	5,139.30	.00	9.23	27.11	76.99	5,071.54	1.50	0.00
2016	5,604.93	10.17	27.83	0.00	9.52	5,623.24	.17	0.00
2015	3,797.21	.00	13.87-	0.00	13.59-	3,796.93	.36-	0.00
2014	3,007.99	.00	0.00	0.00	0.00	3,007.99		0.00
2013	2,666.58	.00	0.00	0.00	0.00	2,666.58		0.00
2012	2,887.79	.00	0.00	0.00	0.00	2,887.79		0.00
2011	2,550.46	.00	0.00	0.00	0.00	2,550.46		0.00
2010	2,987.93	.00	1,415.61-	0.00	0.00	1,572.32		0.00
2009	1,295.61	.00	279.24-	0.00	0.00	1,016.37		0.00
2008	862.57	.00	235.72-	0.00	0.00	626.85		0.00
2007	861.94	.00	246.14-	0.00	0.00	615.80		0.00
2006	796.40	.00	0.00	0.00	0.00	796.40		0.00
2005	417.44	.00	0.00	0.00	0.81	416.63	.19	0.00
2004	415.13	.00	0.00	0.00	1.14	413.99	.27	0.00
2003	2.68	.00	0.00	0.00	0.00	2.68		0.00
2000	321.63	.00	0.00	0.00	0.00	321.63		0.00
****	7,955,038.42	997.96-	5,998.85-	21,878.02	7,857,515.78	91,523.79		58.83-

Run Date: 08/04/2021 15:00:10
Request Seq: 3802323

FORT BEND COUNTY
PERCENTAGE OF LEVY COLLECTED

Tax Units : ALL
From 10/01/2013 To 07/30/2021

59 -WILLOWFORK DRAINAGE

Tax Year	Taxes Due	Adjustments	Levy Paid	Balance	% Collected
2013	6,179,609.33	288,449.32	6,465,392.07	2,666.58	99.96%
2014	6,607,472.20	349,639.52	6,954,103.73	3,007.99	99.96%
2015	7,090,453.79	343,758.96	7,430,415.82	3,796.93	99.95%
2016	7,383,612.17	379,417.44	7,757,406.37	5,623.24	99.93%
2017	7,653,153.26	-99,754.05	7,548,327.67	5,071.54	99.93%
2018	7,205,697.88	32,224.03	7,231,505.79	6,416.12	99.91%
2019	7,750,676.87	14,865.86	7,750,734.35	14,808.38	99.81%
2020	7,883,616.02	6,533.01	7,851,236.94	38,912.09	99.51%
2021		0.00	0.00		

WILLOW FORK DRAINAGE DISTRICT
SUMMARY OF CASH TRANSACTIONS
FOR THE PERIOD AUGUST 1, 2021 - SEPTEMBER 9, 2021
(Unaudited)

	GENERAL FUND	DEBT SERVICE/TAX FUND
BALANCE, JULY 31, 2021	\$22,319.54	\$0.00
RECEIPTS	360,495.91	0.00
DISBURSEMENTS	(233,858.84)	(4,034,943.66)
INVEST PROCEEDS	225,000.00	4,034,943.66
INVEST PURCHASES	(3,523.18)	0.00
TRANSFERS	0.00	0.00
BALANCE, AUGUST 31, 2021	370,433.43	0.00
CURRENT MONTH ACTIVITY		
RECEIPTS	5,953.97	0.00
DISBURSEMENTS	(225,152.79)	(25,223.62)
INVEST PROCEEDS	0.00	9,524.62
INVEST PURCHASES	(5,953.97)	0.00
TRANSFERS	0.00	0.00
CURRENT CASH BALANCE	145,280.64	(15,699.00)
CURRENT INVESTMENTS	6,968,541.82	1,987,261.66
CASH BALANCE, SEPTEMBER 9, 2021	\$7,113,822.46	\$1,971,562.66
DESILTING RESERVE	3,059,375.00	
DUE FROM/(TO) GRAND LAKES	(99,272.90)	



WILLOW FORK DRAINAGE DISTRICT
CASH TRANSACTIONS
FOR THE MONTH ENDED AUGUST 31, 2021
(Unaudited)

Date	Number	Vendor / Customer Name	Description	Receipts	Disbursements
GENERAL FUND					
8/12/21	8194	GREGG NADY	AWBD EXP 6/17-19		989.62
8/12/21	8195	JOSEPH S. ROBINSON	DIR FEE 7/8		145.24
8/12/21	8196	JOHN SAVAGE	DIR FEE 7/8		138.52
8/12/21	8197	AECOM TECHNICAL SERVICES INC	JULY 2021		2,099.13
8/12/21	8198	ALLEN BOONE HUMPHRIES ROBINSON	LEGAL THRU 7/23		16,724.00
8/12/21	8199	APRIL RENBERG	JULY 2021		750.00
8/12/21	8200	ASSOCIATION OF WATER BOARD DIR	AWBD ANNUAL CONF - NADY		525.00
8/12/21	8201	CHAMPIONS HYDRO-LAWN INC	JUNE-JULY 2021		154,749.44
8/12/21	8202	ESITEFUL	JUNE-JULY 2021		650.00
8/12/21	8203	F MATUSKA INC	JULY 2021		1,866.99
8/12/21	8204	INFRAMARK LLC	JUNE-JULY 2021		28,131.24
8/12/21	8205	LJA ENGINEERING	GEN/BARKER/DIVERSION THRU 6/25		16,810.21
8/12/21	8206	CHRISTOPHER T. BRONSELL	PATROL (26 HRS)		1,097.17
8/12/21	8207	TANNER J. EDDLEBLUTE	PATROL (24 HRS)		999.95
8/12/21	8208	FERNANDO P. FLORES	PATROL (15 HRS)		606.19
8/12/21	8209	ARAMIS A. GONZALEZ	PATROL (15 HRS)		658.52
8/12/21	8210	BRIAN E. SCHMITT	PATROL (29.5 HRS)		1,182.00
8/25/21	8211	CHRISTOPHER T. BRONSELL	5 HRS		228.56
8/25/21	8212	TANNER J. EDDLEBLUTE	8 HRS		359.44
8/25/21	8213	FERNANDO P. FLORES	3 HRS		133.33
8/25/21	8214	ARAMIS A. GONZALEZ	5 HRS		228.56
8/25/21	8215	BRIAN E. SCHMITT	5 HRS		228.56
7/6/21	R10-4	DEP FEMA		1,160.62	
7/20/21	R10-5	DEP FEMA VB SILT REMOVAL		331,101.24	
7/20/21	R10-6	DEP FEMA VA1/VA9/VA12		9,542.25	
8/4/21	R11-1	DEP GRAND LAKES SHARE VB		11,525.62	
8/10/21	J11-2	TSFR JUNE MAINT TAX- DRAINAGE		3,523.18	
8/12/21	J11-1	US TREASURY FORM 941 Q3/2021			4,557.17
8/26/21	R11-2	DEP CNC8 SHARE MS4		3,643.00	
TOTAL - GENERAL FUND				360,495.91	233,858.84
DEBT SERVICE/TAX FUND					
8/10/21	J11-2	TSFR JUNE MAINT TAX- DRAINAGE			3,523.18
8/10/21	J11-3	TSFR JUNE MAINT TAX PARK			2,101.73
8/26/21	J11-8	DEBT SERVICE PMT DUE 9/1			135,487.50
8/26/21	J11-8	DEBT SERVICE PMT DUE 9/1			133,750.00
8/26/21	J11-8	DEBT SERVICE PMT DUE 9/1			118,650.00
8/26/21	J11-8	DEBT SERVICE PMT DUE 9/1			3,282,225.00
8/26/21	J11-8	DEBT SERVICE PMT DUE 9/1			74,306.25
8/26/21	J11-8	DEBT SERVICE PMT DUE 9/1			284,900.00
TOTAL - DEBT SERVICE/TAX FUND				0.00	4,034,943.66

WILLOW FORK DRAINAGE DISTRICT
CASH TRANSACTIONS
FOR THE PERIOD ENDED SEPTEMBER 9, 2021
(Unaudited)

Date	Number	Vendor / Customer Name	Description	Receipts	Disbursements
<u>GENERAL FUND</u>					
9/9/21	9000	JOSEPH S. ROBINSON	DIR FEE 8/12		145.24
9/9/21	9001	JOHN SAVAGE	DIR FEE 8/12		138.52
9/9/21	9002	DANIEL W. SMITH	DIR FEE 8/12		69.12
9/9/21	9003	AECOM TECHNICAL SERVICES INC	AUGUST 2021		1,485.20
9/9/21	9004	ALLEN BOONE HUMPHRIES ROBINSON	LEGAL THRU 8/13		2,858.75
9/9/21	9005	CANYON CONSTRUCTION COMPANY, I	EST#1 VA9 OUTFALL REPLACEMENT		124,085.25
9/9/21	9006	CHAMPIONS HYDRO-LAWN INC	AUGUST 2021		79,147.16
9/9/21	9007	F MATUSKA INC	AUGUST 2021		1,486.83
9/9/21	9008	INFRAMARK LLC	AUGUST 2021		2,931.10
9/9/21	9009	LJA ENGINEERING	GEN/BARKER/DIVERSION THRU 7/3		4,651.20
9/9/21	9010	LONG PLAN PRINTING INC	POSTCARDS S&H		24.15
9/9/21	9011	CHRISTOPHER T. BRONSELL	21 HRS		903.11
9/9/21	9012	TANNER J. EDDLEBLUTE	24 HRS		999.95
9/9/21	9013	FERNANDO P. FLORES	13 HRS		529.62
9/9/21	9014	ARAMIS A. GONZALEZ	15 HRS		658.52
9/9/21	9015	BRIAN E. SCHMITT	27.5 HRS		1,105.42
9/7/21	J12-2	TSFR JULY MAINT TAX-DRAINAGE		5,953.97	
9/9/21	J12-1	USTREASURY Q3/2021 P/R W/H			3,933.65
TOTAL - GENERAL FUND				<u>5,953.97</u>	<u>225,152.79</u>
<u>DEBT SERVICE/TAX FUND</u>					
9/9/21	9016	FORT BEND CENTRAL APPRAISAL DI	1ST QTR BILLING		15,699.00
9/7/21	J12-2	TSFR JULY MAINT TAX-DRAINAGE			5,953.97
9/7/21	J12-3	TSFR JULY MAINT TAX-PARK			3,570.65
TOTAL - DEBT SERVICE/TAX FUND				<u>0.00</u>	<u>25,223.62</u>

WILLOW FORK DRAINAGE DISTRICT
SUMMARY OF INVESTMENTS
SEPTEMBER 9, 2021
(Unaudited)

Bank	Account #	Rate	Purchase Date	Maturity Date	Amount
GENERAL FUND					
TEXPOOL	*00004	0.0222%			6,060,278.33
TEXAS CLASS	*6-0001	0.0506%			908,263.49
TOTAL GENERAL FUND INVESTMENTS					<u>\$6,968,541.82</u>
DEBT SERVICE/TAX FUND					
TEXPOOL	*00002	0.0222%			1,397,253.12
TEXPOOL (TAX ACCOUNT)	*00006	0.0222%			29,425.97
TEXAS CLASS	*6-0003	0.0506%			560,582.57
TOTAL DEBT SERVICE/TAX FUND INVESTMENTS					<u>\$1,987,261.66</u>

SCHEDULE OF DEBT SERVICE PAYMENTS						
	PAID 1-Mar-21	PAID 1-Sep-21	1-Mar-22	1-Sep-22	1-Mar-23	1-Sep-23
SERIES 2009 REF (BANK OF NY)						
PRINCIPAL		3,210,000.00				
INTEREST	72,225.00	72,225.00				
SERIES 2012 REF (BANK OF NY)						
PRINCIPAL		280,000.00				
INTEREST	4,900.00	4,900.00				
SERIES 2012 UNLIMITED (BANK OF NY)						
PRINCIPAL	74,306.25	74,306.25	74,306.25	74,306.25	74,306.25	420,000.00
INTEREST						74,306.25
SERIES 2015 UNLIMITED (BANK OF NY)						
PRINCIPAL						725,000.00
INTEREST	133,750.00	133,750.00	133,750.00	133,750.00	133,750.00	133,750.00
SERIES 2015 REF (BANK OF NY)						
PRINCIPAL		80,000.00		3,785,000.00		
INTEREST	38,650.00	38,650.00	37,850.00	37,850.00		
SERIES 2017 UNLIMITED (BANK OF NY)						
PRINCIPAL						800,000.00
INTEREST	135,487.50	135,487.50	135,487.50	135,487.50	135,487.50	135,487.50
	459,318.75	4,029,318.75	381,393.75	4,166,393.75	343,543.75	2,288,543.75
ANNUAL REQUIREMENT	2021	<u>4,488,637.50</u>	2022	<u>4,547,787.50</u>	2023	<u>2,632,087.50</u>

WILLOW FORK DRAINAGE DISTRICT
STATEMENT OF REVENUES AND EXPENDITURES
GENERAL FUND, ACTUAL AND BUDGET
FOR THE ONE AND TEN MONTHS ENDED JULY 31, 2021
(Unaudited)

	Current Period Actual	----- Year To Date -----			9/30/2021 FYE ----- Annual -----	
		Actual	Budget	Variance	Budget	Variance
REVENUES						
MAINTENANCE TAX REVENUE	\$ 6,072.55	\$ 2,116,797.84	\$ 2,130,000.00	(\$ 13,202.16)	\$ 2,136,390.00	(\$ 19,592.16)
INTEREST EARNED	148.35	2,728.15	33,335.00	(30,606.85)	40,000.00	(37,271.85)
MISCELLANEOUS REVENUE	264,490.20	3,498,402.28	0.00	3,498,402.28	0.00	3,498,402.28
MS4	0.00	0.00	0.00	0.00	43,000.00	(43,000.00)
TOTAL REVENUES	270,711.10	5,617,928.27	2,163,335.00	3,454,593.27	2,219,390.00	3,398,538.27
EXPENDITURES						
DIRECTOR FEES	3,000.00	11,850.00	16,500.00	(4,650.00)	21,000.00	(9,150.00)
LEGAL-BARKER PILOT PROJECT	2,858.75	30,297.70	0.00	30,297.70	0.00	30,297.70
LEGAL-FEMA	0.00	212.50	0.00	212.50	0.00	212.50
LEGAL FEES-GENERAL	16,724.00	92,558.56	83,335.00	9,223.56	100,000.00	(7,441.44)
AUDITING FEES	0.00	20,800.00	19,800.00	1,000.00	19,800.00	1,000.00
ENGINEERING FEES-GENERAL	2,210.93	20,570.05	50,000.00	(29,429.95)	60,000.00	(39,429.95)
OPERATOR FEES	258.23	2,541.15	2,500.00	41.15	3,000.00	(458.85)
ELECTION EXPENSES	0.00	8,918.86	10,000.00	(1,081.14)	10,000.00	(1,081.14)
PAYROLL TAXES	693.98	5,517.34	5,835.00	(317.66)	7,000.00	(1,482.66)
BOOKKEEPING FEES	980.00	10,840.00	11,665.00	(825.00)	14,000.00	(3,160.00)
BOOKKEEPING-TAX MATTERS	300.00	2,700.00	3,000.00	(300.00)	3,600.00	(900.00)
REPAIRS & MAINTENANCE-ROUTINE	109,044.77	607,308.83	664,886.00	(57,577.17)	766,216.00	(158,907.17)
LEGAL NOTICES	0.00	0.00	1,665.00	(1,665.00)	2,000.00	(2,000.00)
PRINTING & OFFICE SUPPLIES	684.06	2,957.30	7,500.00	(4,542.70)	9,000.00	(6,042.70)
INSURANCE	0.00	13,039.00	15,000.00	(1,961.00)	15,000.00	(1,961.00)
TRAVEL & EXPENSES	1,804.50	3,085.34	7,820.00	(4,734.66)	20,000.00	(16,914.66)
OTHER OFFICE EXPENSES	1,164.15	13,872.95	31,665.00	(17,792.05)	38,000.00	(24,127.05)
DUES	0.00	1,675.00	5,000.00	(3,325.00)	5,000.00	(3,325.00)
SECURITY SERVICE	5,321.25	59,523.75	58,335.00	1,188.75	70,000.00	(10,476.25)
MS4 IMPLEMENTATION	2,099.13	84,440.83	83,335.00	1,105.83	100,000.00	(15,559.17)
REPAIRS - MAJOR	24,485.46	125,918.23	625,000.00	(499,081.77)	750,000.00	(624,081.77)
REPAIRS - MAJOR-DESILT	0.00	262,863.72	0.00	262,863.72	0.00	262,863.72
ENGINEER - MAJOR-DESILT	289.30	31,520.56	0.00	31,520.56	0.00	31,520.56
TRASH CLEAN UP	4,944.00	44,496.00	49,450.00	(4,954.00)	59,340.00	(14,844.00)
ENGR-BARKER RESERVOIR STUDY	2,064.56	21,897.92	41,665.00	(19,767.08)	50,000.00	(28,102.08)
BARKER EXCAVATION PROJECT	50,875.00	50,875.00	0.00	50,875.00	0.00	50,875.00
TOTAL EXPENDITURES	229,802.07	1,530,280.59	1,793,956.00	(263,675.41)	2,122,956.00	(592,675.41)
EXCESS REVENUES (EXPENDITURES)	<u>\$ 40,909.03</u>	<u>\$ 4,087,647.68</u>	<u>\$ 369,379.00</u>	<u>3,718,268.68</u>	<u>\$ 96,434.00</u>	<u>3,991,213.68</u>

WILLOW FORK DRAINAGE DISTRICT - PARKS
CHECK REGISTER - PARKS
FOR THE PERIOD ENDED SEPTEMBER 9, 2021

Date	Number	Vendor / Customer Name	Description	Receipts	Disbursements
<u>GENERAL FUND - PARK</u>					
9/9/21	6000	YVONNE J. ARCENEUX	9/7/21		2,423.89
9/9/21	6001	CRISTEN WIATR	25HRS		625.00
9/9/21	6002	CONNIE SUE DOOLIN	10HRS		150.00
9/9/21	6003	MICHAEL D LAWSON	4 HRS		60.00
9/9/21	6004	XAVIER LESZCZYNSKI	29.25 HRS		731.25
9/9/21	6005	PHILIP MURAD	11.5 HRS		172.50
9/9/21	6006	BILLY POPE	TAKE 2 LATINO SHOW 9/18		1,600.00
9/9/21	6007	FOUR BLACK DOGS	WRECK IT RALPH 2 SCREEN 9/25		2,000.00
9/9/21	6008	GUARANTEED CLEAN FUN LLC	RENTAL EQUIPMENT		454.09
9/9/21	6009	GUARANTEED CLEAN FUN LLC	RENTAL EQUIPMENT		893.59
9/9/21	6010	HOUSTON TENTS & EVENTS LLC	LEE GREENWOOD CONCERT;STAGE		7,913.58
9/9/21	6011	HOUSTON TENTS & EVENTS LLC	BOLLYWOOD 9/12		4,355.00
9/9/21	6012	JADE MOUNTAIN MARTIAL ARTS	TAI CHI CLASS 8/3-8/31		900.00
9/9/21	6013	JUST ENERGY	SERVICE: 8/5-9/3		29.13
9/9/21	6014	KARIBE PRODUCTIONS LLC	MARISELA Y SU SON BAND 9/18		4,000.00
9/9/21	6015	LISTO TRANSLATING SERVICES & M	HISPANIC HERITAGE FESTIVAL		3,625.00
9/9/21	6016	HEIDI BROWN	FRIDA KAHLO MASCOT;MEXICAN DOL		600.00
9/9/21	6017	MARIA ASHWORTH	STORY TIME 8/16		125.00
9/9/21	6018	MOORE MKT & MGMT INC	MEAGAN TUBB &SHADY PEOPLE 9/24		2,600.00
9/9/21	6019	THE SELFLESS LOVERS	MUSIC PERFORMANCE 9/16		2,000.00
9/9/21	6020	NBD GRAPHICS INC	T-SHIRT SCREEN & SET UP		229.00
9/9/21	6021	SAMANTHA WALKER-WENDT	YOGA 8/4-8/27		1,200.00
9/9/21	6022	STARZ PERFORMING ARTS LLC	BOLLYWOOD DANCE NIGHT 9/12		2,500.00
9/9/21	6023	TEXAS COUNTIES DIVISION PATROL	SECURITY SERVICES 227.5 HRS		3,550.00
9/9/21	6024	THE SUGAR LAND BRASS COMPANY	TWO HOUR SHOW		1,700.00
9/9/21	6025	TRINA MAXWELL	LAUGHTER YOGA 8/5-8/26		400.00
9/9/21	6026	FREDDIE BAUTISTA	8 HRS		378.63
9/9/21	6027	MICHAEL A. FLORES	4 HRS		129.29
9/9/21	6028	TIMOTHY MORRIS	4 HRS		129.29
9/9/21	6029	RONALD D. SKARPA	6 HRS		193.93
9/9/21	6030	AMOS TIFASE	8 HRS		258.58
9/9/21	6031	THOMAS M. WILLEBY	4 HRS		129.29
TOTAL - GENERAL FUND - PARK				0.00	46,056.04

WILLOW FORK DRAINAGE DISTRICT
DRAINAGE GENERAL FUND, BUDGET
FOR THE YEAR ENDED 9/30/2022

	TOTAL 2022	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
REVENUE:													
Maintenance Tax (1)	2,182,600	5,000	10,000	80,000	200,000	700,000	600,000	300,000	230,000	30,000	20,000	4,000	3,600
Interest Earned	5,000	415	415	420	415	415	420	415	415	420	415	415	420
MS4	40,850												40,850
TOTAL REVENUE	2,228,450	5,415	10,415	80,420	200,415	700,415	600,420	300,415	230,415	30,420	20,415	4,415	44,870
EXPENDITURES:													
Professional Fees													
Audit Fees (2)	22,000		19,000			3,000							
Legal Fees-General (7)	100,000	8,335	8,335	8,330	8,335	8,335	8,330	8,335	8,335	8,330	8,335	8,335	8,330
Legal Fees-Barker Pilot Project	40,000	3,335	3,335	3,330	3,335	3,335	3,330	3,335	3,335	3,330	3,335	3,335	3,330
Legal Fees-Litigation (7)	20,000	1,665	1,665	1,670	1,665	1,665	1,670	1,665	1,665	1,670	1,665	1,665	1,670
Engineer Fees (8)	60,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Engineer-Barker Reservoir Study (8)	50,000	4,165	4,165	4,170	4,165	4,165	4,170	4,165	4,165	4,170	4,165	4,165	4,170
MS4 Implementation/Reporting (6)	95,000	7,915	7,915	7,920	7,915	7,915	7,920	7,915	7,915	7,920	7,915	7,915	7,920
Contracted Services													
Operator Fees (9)	3,100	260	260	255	260	260	255	260	260	255	260	260	255
Bookkeeping-General	14,000	1,165	1,165	1,170	1,165	1,165	1,170	1,165	1,165	1,170	1,165	1,165	1,170
Bookkeeping-Tax	3,600	300	300	300	300	300	300	300	300	300	300	300	300
SB2 Transparency Consultant	5,000	415	415	420	415	415	420	415	415	420	415	415	420
Security	80,000	6,665	6,665	6,670	6,665	6,665	6,670	6,665	6,665	6,670	6,665	6,665	6,670
Repairs & Maint.													
Repairs-Routine (4)	830,577	214,543	64,669	31,880	26,620	25,370	110,852	31,880	71,606	31,880	117,789	70,356	33,130
Repairs-Major (5)	700,000	58,335	58,335	58,330	58,335	58,335	58,330	58,335	58,335	58,330	58,335	58,335	58,330
Administrative													
Directors Fees	21,000	1,650	900	1,650	2,250	1,650	900	1,650	900	3,300	1,650	3,600	900
Insurance	15,000	15,000											
Printing & Office Supplies	6,000	500	500	500	500	500	500	500	500	500	500	500	500
Travel & Expenses	20,000	90	90	90	2,860	90	90	90	90	4,240	90	12,090	90
Other Expenses (3)	38,000	3,165	3,165	3,170	3,165	3,165	3,170	3,165	3,165	3,170	3,165	3,165	3,170
Dues	5,000	3,000			550	1,450							
Payroll Taxes	7,800	650	650	650	650	650	650	650	650	650	650	650	650
Election Expenses	10,000							2,500	2,500	2,500	2,500		
Legal Notices	2,000	165	165	170	165	165	170	165	165	170	165	165	170
TOTAL EXPENDITURES	2,148,077	336,318	186,694	135,675	134,315	133,595	213,897	138,155	177,131	143,975	224,064	188,081	136,175
EXCESS (EXPENDITURES)	80,373	(330,903)	(176,279)	(55,255)	66,100	566,820	386,523	162,260	53,284	(113,555)	(203,649)	(183,666)	(91,305)
DESILTING RESERVE(9/30/22 FYE)	0			(1) 2021 Certified Value 4,409,327,703 x .05 x 99%									
DESILTING RESERVE @ 9/30/21 FYE	(3,000,000)			(2) Per J Hanna									
EMERGENCY RESERVE	(3,836,973)			(3) Includes Website Maintenance & Communications Rep									
PROJECTED FUND BALANCE 10/1/21	6,756,600			(4) Net of Grand Lakes 23% share									
EXCESS SOURCES (USES)	\$0			(5) Includes year 2 of Inframark 5 year plan									
				(6) Per K Kottke									
				(7) Per H Thompson									
				(8) Per C Kalkomey									
				(9) Per K May									

(1) 2021 Certified Value 4,409,327,703 x .05 x 99%
(2) Per J Hanna
(3) Includes Website Maintenance & Communications Rep
(4) Net of Grand Lakes 23% share
(5) Includes year 2 of Inframark 5 year plan
(6) Per K Kottke
(7) Per H Thompson
(8) Per C Kalkomey
(9) Per K May

**WILLOW FORK DRAINAGE DISTRICT
DRAINAGE GENERAL FUND, BUDGET
FOR THE YEAR ENDED 9/30/2022**

	TOTAL 2022	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
MOWING													
360.09 ac x \$59/ac (97.17ac VB)	\$254,944	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245	\$21,245
36.5 ac x \$220/ac(21.6 ac VB)	64,240	8,030		8,030				8,030	8,030	8,030	8,030	8,030	8,030
FERTILIZATION - Organic													
339.28 ac x \$265/ac (97.17 VB)	179,818						89,909				89,909		
OVERSEED & FERTILIZE - Organic													
339.28 ac x \$575/ac (97.17 VB)	195,086	195,086											
HERBICIDE													
1,600,000 sf X \$.0275/sf	132,000		44,000						44,000			44,000	
Channel Bottoms (940,900 sf VB)													
GABION CLEAN OUT													
1 unit @ \$1250	7,500		1,250		1,250		1,250		1,250		1,250		1,250
DEBRIS CLEAN UP													
12 months x \$4944/mo	59,328	4,944	4,944	4,944	4,944	4,944	4,944	4,944	4,944	4,944	4,944	4,944	4,944
RECONNAISSANCE													
12 months x \$500/mo	6,000	500	500	500	500	500	500	500	500	500	500	500	500
SUB TOTAL	898,916	229,805	71,939	34,719	27,939	26,689	117,849	34,719	79,969	34,719	125,879	78,719	35,969
GRAND LAKES SHARE													
CHAMPIONS BUDGET	(68,339)	(15,262)	(7,270)	(2,839)	(1,319)	(1,319)	(6,997)	(2,839)	(8,363)	(2,839)	(8,090)	(8,363)	(2,839)
NET CHAMPIONS BUDGET	830,577	214,543	64,669	31,880	26,620	25,370	110,852	31,880	71,606	31,880	117,789	70,356	33,130
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

WILLOW FORK DRAINAGE DISTRICT
QUARTERLY INVESTMENT REPORT
JUNE 30, 2021

BANK/ TYPE OF SECURITY	ID #	RATE	MARKET VALUE 31-Mar-2021	PURCHASE/ BOOK VALUE 31-Mar-2021	TRANSACTIONS IN	TRANSACTIONS OUT	PURCHASE/ BOOK VALUE 30-Jun-2021	MARKET VALUE 30-Jun-2021	PAR AMOUNT	ACCRUED INTEREST THRU 30-Jun-2021
GENERAL FUND										
TEXPOOL	1010600004	0.0131%	3,431,402.72	3,431,402.72	3,046,091.53	(150,559.00)	6,326,935.25	6,326,935.25	6,326,935.25	0.00
TEXAS CLASS	01-0026-0001	0.0611%	908,008.28	908,008.28	168.73	0.00	908,177.01	908,177.01	908,177.01	0.00
GENERAL FUND TOTALS			4,339,411.00	4,339,411.00	3,046,260.26	(150,559.00)	7,235,112.26	7,235,112.26	7,235,112.26	0.00
GENERAL FUND-PARKS										
TEXPOOL	1010600008	0.0131%	4,651,879.44	4,651,879.44	566,581.19	(940,000.00)	4,278,460.63	4,278,460.63	4,278,460.63	0.00
GENERAL FUND-PARKS TOTALS			4,651,879.44	4,651,879.44	566,581.19	(940,000.00)	4,278,460.63	4,278,460.63	4,278,460.63	0.00
CAPITAL PROJECTS FUND-PARKS										
TEXPOOL	1010600009	0.0131%	4,452,427.74	4,452,427.74	130.67	(549,485.47)	3,903,072.94	3,903,072.94	3,903,072.94	0.00
CAPITAL PROJECTS FUND-PARKS TOTALS			4,452,427.74	4,452,427.74	130.67	(549,485.47)	3,903,072.94	3,903,072.94	3,903,072.94	0.00
DEBT SERVICE FUND										
TEXPOOL	1010600002	0.0131%	5,337,785.81	5,337,785.81	59,751.39	(2,750.00)	5,394,787.20	5,394,787.20	5,394,787.20	0.00
TEXAS CLASS	01-0026-0003	0.0611%	560,425.09	560,425.09	104.14	0.00	560,529.23	560,529.23	560,529.23	0.00
DEBT SERVICE FUND TOTALS			5,898,210.90	5,898,210.90	59,855.53	(2,750.00)	5,955,316.43	5,955,316.43	5,955,316.43	0.00
TAX FUND										
TEXPOOL	1010600006	0.0131%	111,269.58	111,269.58	70,408.83	(119,158.46)	62,519.95	62,519.95	62,519.95	0.00
TAX FUND TOTALS			111,269.58	111,269.58	70,408.83	(119,158.46)	62,519.95	62,519.95	62,519.95	0.00
GRAND TOTALS			19,453,198.66	19,453,198.66	3,743,236.48	(1,761,952.93)	21,434,482.21	21,434,482.21	21,434,482.21	0.00

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

Joseph S. Robinson, Investment Officer
Willow Fork Drainage District

PFIA Training 4 Hrs.

8-Jun-20

Fran Matuska
Bookkeeper for the District
September 8, 2021

PFIA Training 4 Hrs.

26-Oct-19

WFDD: Operations Meeting 09/09/2021 - FEMA Summary

FEMA PDMG: John D’Amercout

State Representative: Michelle Juliani (changed 01/29/2021)

Project Number	Description	Completed	Mitigation	Submitted to FEMA	TCEQ Stock Pile Permit / THC Required	Army Corps Permit Required	Submitted Total to Date	FEMA Obligated	Project Total to Date	FEMA Mitigation Scope	LJA Mitigation Scope	PAID
4418_V0	Diversion Channel - Silt Removal	No	No	Yes	Yes	Yes - Permitted	\$ 4,971,587.63	\$ 3,973,214.89	\$ 6,140,939.57	N/A	N/A	\$ 4,304,316.13
Notes: Submitted Time Extension December 2021												
4429	WFDD Park and Exploration Park	Yes	No	Yes	No	No	\$ 204,305.45	\$ 183,374.91	\$ 204,305.45	N/A	N/A	\$ 199,197.82
Notes: Paid 11/22/2019 \$183,874.91, 04/23/2020 \$15,322.91												
62581	Storm Water Quality Park	No	Yes	No	Yes - If stock piling material	Yes	\$ 15,474.96	\$ 566,740.00	\$ 15,474.96	\$ 586,640.00	\$ 586,640.00	\$ 15,088.08
Notes: Submitted Time Extension to May 30, 2022												
46734	VA3, VA11, VA14 Repairs	Yes	No	Yes	Yes	Yes	\$ 127,230.00	\$ 114,507.00	\$ 127,230.00	N/A	N/A	\$ 124,049.25
62591	VA1, VA9, VA12 Repairs	No	No	Yes	Yes - If stock piling material	Yes	\$ 34,925.00	\$ 93,955.32	\$ 34,925.00	N/A	N/A	\$ 101,784.93
Notes: Submitted Time Extension to March 31, 2022. FEMA Scale of Work Estimate: VA1 = \$33,922.69, VA9 = \$40,654.12, VA12 = \$12,604.03, VA12 = \$17,213.96 (silt removal) Total = \$104,394.80												
46737	Storm Line Cleaning	Yes	No	Yes	Yes - Permitted	No	\$ 464,204.43	\$ 417,783.99	\$ 464,204.43	N/A	N/A	\$ 393,564.62
Notes: Paid 11/14/2019 \$363,290.42, 04/13/2020 \$30,274.20												
4418_V0	2017-2018 Work	\$ 2,148,630.21					\$ 5,817,727.47	\$ 5,349,576.11	\$ 6,987,079.41			\$ 5,138,000.83
4418_V1	Payment Application 1	\$ 108,075.60										
	Payment Application 2	\$ 360,849.02										
	Payment Application 3	\$ 173,404.80										
	Payment Application 4	\$ 242,200.80										
	Payment Application 5	\$ 358,344.00										
	Payment Application 6	\$ 409,968.00										
	Payment Application 7	\$ 217,296.00										
	Payment Application 8	\$ 299,808.00										
	Payment Application 9	\$ 653,011.20										
	Payment Application 10	\$ 223,387.20										
	Payment Application 11	\$ 229,284.00										
	Payment Application 12	\$ 305,532.00										
	Payment Application 13	\$ 253,889.39										
	C.O. #1	\$ 116,759.35										
	C.O. #2	\$ 30,000.00										
	C.O. #3	\$ 10,500.00										
	C.O. #4 - No Adjustment	\$ -										
		\$ 6,140,939.57										
Payment Details												
Date	Project Number	Amount	Paid By	Notes								
11/22/2019	4429 - WFDD Park and Exploration Park	\$ 183,874.91	FEMA	Pay up to 90% of total project								
11/14/2019	46737 - Storm Line Cleaning	\$ 363,290.42	FEMA	Pay up to 90% of total project								
4/13/2020	46737 - Storm Line Cleaning	\$ 30,274.20	TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
4/23/2020	4429 - WFDD Park and Exploration Park	\$ 15,322.91	TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
8/1/2020	62591 - VA1, VA9, VA12 Repairs	\$ 93,955.32	FEMA	Pay up to 90% of total project								
9/18/2020	62581 - Storm Water Quality Park	\$ 13,927.46	FEMA	Pay up to 90% of total project								
12/22/2020	4418 - Diversion Channel - Silt Removal	\$ 1,871,721.19	FEMA	Should have been paid on 12/18/2020								
1/14/2021	4418 - Diversion Channel - Silt Removal	\$ 2,101,493.70	FEMA	Pay up to 90% Application 1-9								
2/4/2021	46734 - VA3, VA11, VA14 Repairs	\$ 114,507.00	FEMA	Pay up to 90% of total project								
6/29/2021	62591 - VA1, VA9, VA12 Repairs	\$ 7,829.61	TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
7/6/2021	62581 - Storm Water Quality Park	\$ 1,160.62	TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
7/20/2021	46734 - VA3, VA11, VA14 Repairs	\$ 9,542.25	TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
7/20/2021	4418 - Diversion Channel - Silt Removal	\$ 331,101.24	TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
	62581 - Storm Water Quality Park		TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
		\$ 5,138,000.83										
							\$ 43,998.00	Received Letter April 7 2021				



*Enhancing Our Community
through Drainage, Parks & Trails*



Willow Fork Drainage District

Storm Line Maintenance Report - July 2021 / August 2021
Board Meeting 9-9-2021

Reviewed by

A handwritten signature in blue ink, reading "K May".

Katie May

Account Manager

Willow Fork Drainage District
STORM LINE MAINTENANCE REPORT
July 2021



SOUTH WASTEWATER TREATMENT PLANT

TCEQ #:

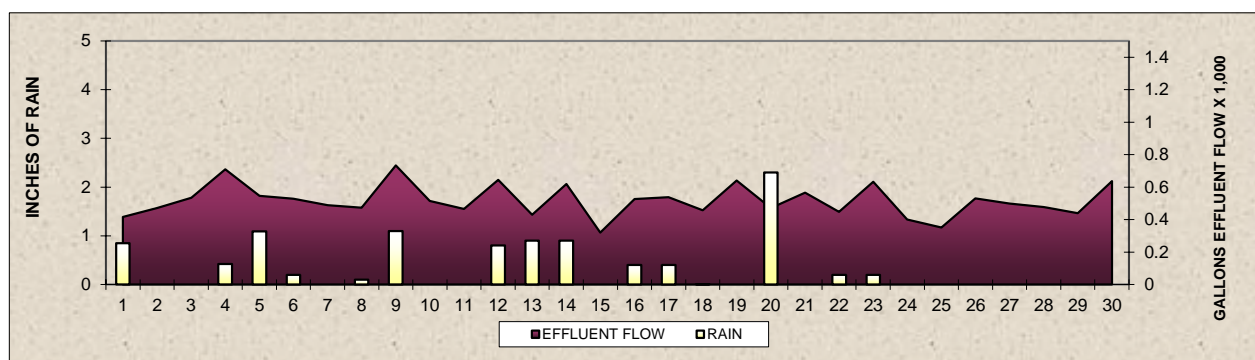
WQ0013172-002

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.91 MGD	0.514	NO
AVERAGE PERMITTED CBOD	10 mg/L	2.220	NO
AVERAGE E.coli	63 cfu	2.080	NO
DAILY E.Coli	200 cfu	30.90	NO
AVERAGE PERMITTED TSS	15 mg/L	2.790	NO
MAXIMUM PERMITTED pH	9 su	7.870	NO
MINIMUM PERMITTED pH	6 su	7.320	NO
AVERAGE AMMONIA (AS N)	3 mg/L	0.462	NO

TOTAL RAINFALL: 11.07 inches

South YTD Rainfall:

43.05



CENTRAL WASTEWATER TREATMENT PLANT

TCEQ #:

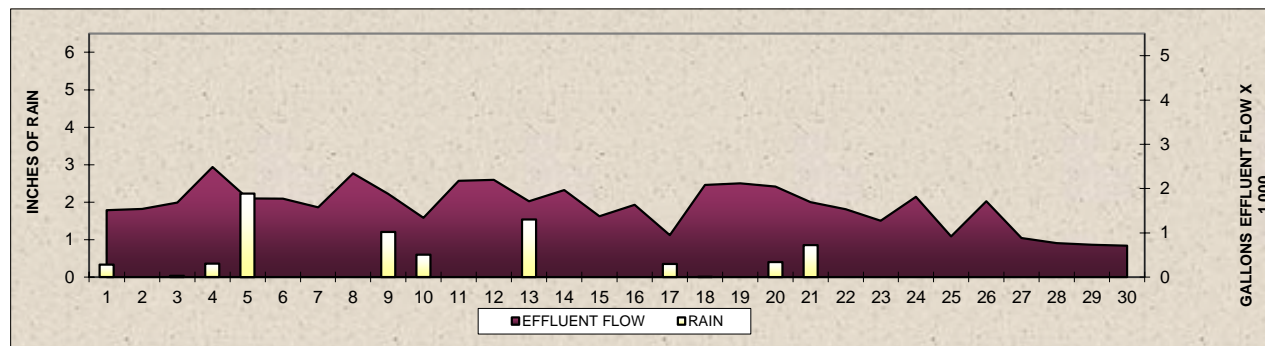
WQ0013558-001

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	3.3 MGD	1.540	NO
AVERAGE PERMITTED CBOD	10 mg/L	2.110	NO
AVERAGE E.coli	63 cfu	1.040	NO
DAILY E.Coli	200 cfu	2.000	NO
AVERAGE PERMITTED TSS	15 mg/L	1.450	NO
MAXIMUM PERMITTED pH	9 su	7.940	NO
MINIMUM PERMITTED pH	6 su	7.460	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.547	NO

TOTAL RAINFALL: 8.23 inches

Central YTD Rainfall:

42.43



Willow Fork Drainage District

pg 2 cont'd

FORT BEND COUNTY MUD 124 - OPERATED BY MDS

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.300 MGD	0.164	NO
AVERAGE PERMITTED CBOD	10 mg/L	2.28	NO
AVERAGE E.coli	63 cfu/mL	25.00	NO
AVERAGE Daily E.coli	200 cfu/mL	321.00	YES
AVERAGE PERMITTED TSS	15 mg/L	4.83	NO
MAXIMUM PERMITTED pH	9 SU	7.50	NO
MINIMUM PERMITTED pH	6 SU	7.20	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.88	NO

Daily E.Coli Excursion - see DMR

HARRIS FORT BEND COUNTY MUD 5 - OPERATED BY MDS

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.995 MGD	0.497	NO
AVERAGE PERMITTED CBOD	7 mg/L	3.24	NO
AVERAGE E.coli	63 cfu/mL	51.00	NO
AVERAGE Daily E.coli	200 cfu/mL	1297.00	YES
AVERAGE PERMITTED TSS	15 mg/L	4.00	NO
MAXIMUM PERMITTED pH	9 SU	7.50	NO
MINIMUM PERMITTED pH	6 SU	7.20	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.26	NO

Daily E.Coli Excursion - see DMR

GRAND LAKES MUD 4 - OPERATED BY MDS

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.900 MGD	0.802	NO
AVERAGE PERMITTED CBOD	7 mg/L	2.48	NO
AVERAGE E.coli	63 cfu/mL	2.00	NO
AVERAGE Daily E.coli	200 cfu/mL	2.00	NO
AVERAGE PERMITTED TSS	15 mg/L	4.05	NO
MAXIMUM PERMITTED pH	9 SU	7.60	NO
MINIMUM PERMITTED pH	6 SU	7.20	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.15	NO

MEMORIAL MUD / CINCO REGIONAL WWTP - OPERATED BY Si Environmental

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.300 MGD	1.232	NO
AVERAGE PERMITTED CBOD	10 mg/L	3.10	NO
AVERAGE E.coli	63 cfu/mL	1.00	NO
AVERAGE Daily E.coli	200 cfu/mL	2.00	NO
AVERAGE PERMITTED TSS	15 mg/L	2.20	NO
MAXIMUM PERMITTED pH	9 su	7.42	NO
MINIMUM PERMITTED pH	6 su	7.30	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.20	NO

Willow Fork Drainage District

pg.3 cont'd

August Invoices

Basic Operations Fee	\$	258.23
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Summary of invoiced repairs > \$1000

Televiser outfall WFC-45. Access manhole located at 24703 Bent Sage Ct	\$	1,670.05
--	----	----------

TOTAL AMOUNT INVOICED	\$	2,931.10
-----------------------	----	----------

Action Items:

Lamping:

CNCM - \$100,525.00

CNC1 - \$19,172.25

CNC2 - \$5,370.00

MH:

CNC2 - \$15,150.00

PERMITEE NAME/ADDRESS (Include Fac Name / Location if Different)

NAME CINCO MUD NO. 1
 ADDRESS C/O ABHR
 3200 SW FREEWAY, SUITE 2600
 HOUSTON TX 77027

FACILITY CINCO SOUTH WWTF
 LOCATION HOUSTON TX 77002-6760

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

MINOR

TX0098965	001 A
PERMIT NO.	DISCHARGE NO.

M - INTERIM
 DOMESTIC FACILITY-001

		MONITORING PERIOD						
		MO	DAY	YR		MO	DAY	YR
FROM		07	01	21		TO	07	31

*** NO DISCHARGE |___| ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
OXYGEN, DISSOLVED (DO)	SAMP MEAS	*****	*****		6.34	*****	*****	(19)	0	Weekly	GRAB
00300 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	***** *****	6.0 MO MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	SAMP MEAS	*****	*****		7.32	*****	7.87	(12)	0	Weekly	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	***** *****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMP MEAS	<13.5	*****	(26)	*****	<2.79	5.00	(19)	0	Weekly	COMPOS
00530 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	114 DAILY AV	*****	LBS/DY	*****	15 DAILY AV	40 DAILY MX	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMP MEAS	<2.07	*****	(26)	*****	<0.462	1.55	(19)	0	Weekly	COMPOS
00610 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	15 DAILY AV	*****	LBS/DY	*****	2 DAILY AV	10 DAILY MX	MG/L		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	0.514	0.733	(03)	*****	*****	*****		0	99/99	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	0.91 DAILY AV	REPORT DAILY MX	MGD	*****	*****	*****	***** *****		CONT	TOTALZ
E. COLI GENERAL	SAMP MEAS	*****	*****	(13)	*****	<2.08	30.9	(3Z)	0	Daily	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	100ML	*****	63 DA GEOAV	200 DA MAX	CFU/ 100ML		DAILY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	SAMP MEAS	<10.9	*****	(26)	*****	<2.22	<2.40	(19)	0	Weekly	COMPOS
80082 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	76 DAILY AV	*****	LBS/DY	*****	10 DAILY AV	25 DAILY MX	MG/L		WEEKLY	COMPOS

PERMITEE NAME/ADDRESS (Include Fac Name / Location if Different)

NAME CINCO MUD #1 (CENTRAL)
ADDRESS C/O VINSON & ELKINS
 2300 FIRST CITY TOWER, 1001 FANNIN
 HOUSTON TX 77002

FACILITY CINCO CENTRAL WWTF
LOCATION HOUSTON TX 77002

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

MINOR

TX0098957	001 A
PERMIT NO.	DISCHARGE NO.

M - INTERIM
 DOMESTIC FACILITY-001

MONITORING PERIOD						
MO	DAY	YR	TO	MO	DAY	YR
07	01	21		07	31	21

*** NO DISCHARGE ☐ ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
OXYGEN, DISSOLVED (DO)	SAMP MEAS	*****	*****		7.16	*****	*****	(19)	0	2/Week	GRAB
00300 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	*****	6.0 MO MIN	*****	*****	MG/L		TWICE/ WEEK	GRAB
PH	SAMP MEAS	*****	*****		7.46	*****	7.94	(12)	0	2/Week	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMP MEAS	<20.7	*****	(26)	*****	<1.45	3.05	(19)	0	2/Week	COMPOS
00530 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	413 DA ILY AVG	*****	LBS/DY	*****	15 DA ILY AVG	40 DAILY MX	MG/L		TWICE / WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMP MEAS	<8.00	*****	(26)	*****	<0.547	1.94	(19)	0	2/Week	COMPOS
00610 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	55 DAILY AVG	*****	LBS/DY	*****	2 DAILY AVG	10 DAILY MX	MG/L		TWICE/ WEEK	COMPOS
COPPER, TOTAL (AS CU)	SAMP MEAS	0.0917	*****	(26)	*****	0.00572	0.00760	(19)	0	Weekly	COMPOS
01042 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	4.4 DAILY AV	*****	LBS/DY	*****	0.161 DAILY AV	0.340 DAILY MX	MG/L		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	1.59	2.49	(03)	*****	*****	*****		0	99/99	TOTALZ
50050 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	REPORT DAILY AV	REPORT DAILY MX	MGD	*****	*****	*****	*****		CONT	TOTALZ
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	*****	3190	(78)	*****	*****	*****		0	99/99	TOTALZ
50050 P 0 0 SEE COMMENTS BELOW	PERM REQ	*****	9167 2HR PEAK	GPM	*****	*****	*****	*****		CONT	TOTALZ
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMP MEAS	1.54	*****	(03)	*****	*****	*****		0	99/99	TOTALZ
50050 Y 0 0 ANNUAL AVERAGE	PERM REQ	3.3 ANNL AVG	*****	MGD	*****	*****	*****	*****		CONT	TOTALZ

PERMITEE NAME/ADDRESS (Include Fac Name / Location if Different)

NAME CINCO MUD #1 (CENTRAL)

ADDRESS C/O VINSON & ELKINS
2300 FIRST CITY TOWER, 1001 FANNIN
HOUSTON TX 77002

FACILITY CINCO CENTRAL WWTF

LOCATION HOUSTON TX 77002

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

MINOR

TX0098957	001 A
PERMIT NO.	DISCHARGE NO.

M - INTERIM
DOMESTIC FACILITY-001

MONITORING PERIOD							
MO	DAY	YR		MO	DAY	YR	
07	01	21	FROM	07	31	21	TO

*** NO DISCHARGE |___| ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	Frequency of Analysis	Sample Type
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
E. COLI GENERAL	SAMP MEAS	*****	*****	(13)	*****	<1.04	2.00	(3Z)	0	Daily	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	100ML	*****	63 DA GEOAV	200 DA MAX	CFU/ 100ML		DAILY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	SAMP MEAS	<30.0	*****	(26)	*****	<2.11	<2.40	(19)	0	2/Week	COMPOS
80082 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	275 DAILY AVG	*****	LBS/DY	*****	10 DAILY AVG	25 DAILY MX	MG/L		TWICE / WEEK	COMPOS

DMR Copy of Record

Permit

Permit #:

TX0119873

Major:

No

Permittee:

FORT BEND COUNTY MUD 124

Permittee Address:

3200 SOUTHWEST FWY STE 2600
HOUSTON, TX 77027

Facility:

FORT BEND COUNTY MUD 124 WWTP

Facility Location:

2233 0.5 FALCON KNOLL LN
FORT BEND COUNTY, TX 00000

Permitted Feature:

001
External Outfall

Discharge:

001-A
DOMESTIC FACILITY - 001

Report Dates & Status

Monitoring Period:

From 07/01/21 to 07/31/21

DMR Due Date:

08/20/21

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
51040	E. coli	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

The pH is tested on each routine effluent sample and the chlorine is tested daily. In addition, the facility is equipped with a flow meter; therefore, totalized flow is reported. An additional sample for pH and dissolved oxygen (DO) was collected during the monitoring period because a routine sample date was changed due to varying factors. The E. coli sample collected on July 6, 2021 was 321colonies/ml exceeding the maximum grab sample limit by over 20%. The TCEQ Region 12 office was notified as required. Please see the attachment. We researched the cause of the high E. coli but have been unable to find any specific cause. An additional E. coli was collected the following week to lower the daily average.

Attachments

Name	Type	Size
FB124-Notification-07-06-2021.pdf	pdf	185085.0

DMR Copy of Record

Permit

Permit #:TX0115894

Major:No

Permitted Feature:001
External Outfall

Permittee:HARRIS-FORT BEND COUNTIES MUD

Permittee Address:1300 POST OAK BLVD, SUTIE 1400
HOUSTON, TX 77056

Discharge:001-B
DOMESTIC FACILITY - 001

Facility:HARRIS-FORT BEND COUNTIES MUD 5 WWTP

Facility Location:1730 OCOTILLO CT
FORT BEND COUNTY, TX 77056

Report Dates & Status

Monitoring Period:From 07/01/21 to 07/31/21

DMR Due Date:08/20/21

Status:NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.2					19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.0 MO MIN					19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.2			=	7.5	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	17.09			26 - lb/d		=	4.0	=	5.7	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	125.0 DAILY AV			26 - lb/d		<=	15.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	1.12			26 - lb/d		=	0.26	=	0.4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	17.0 DAILY AV			26 - lb/d		<=	2.0 DAILY AV	<=	10.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.497	=	0.586	03 - MGD								0	99/99 - Continuous	TM - TOTALZ
					Permit Req.	<=	0.995 DAILY AV		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	TM - TOTALZ
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	1.95			=	3.72	19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	1.0 MO MIN			<=	4.0 MO MAX	19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
X 51040	E. coli	1 - Effluent Gross	0	--	Sample							=	51.0	=	1297.0	3Z - CFU/100mL	1	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.							<=	63.0 DAILY AV	<=	200.0 DAILY MX	3Z - CFU/100mL		02/30 - Twice Per Month	GR - GRAB	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	13.36			26 - lb/d		=	3.24	=	5.1	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	58.0 DAILY AV			26 - lb/d		<=	7.0 DAILY AV	<=	22.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
51040	E. coli	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

The pH is tested on each routine sample. The E. coli sample collected on July 13, 2021 was 1,297 colonies/ml exceeding the maximum grab sample limit by over 20%. The TCEQ Region 12 office was notified as required. Please see the attachment. We researched the cause of the high E. coli but have been unable to find any specific cause.

Attachments

Name	Type	Size
HFB5-Notification-07-13-2021.pdf	pdf	185555.0

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DMR Copy of Record

Permit

Permit #:TX0099856

Major:No

Permitted Feature:001
External Outfall

Permittee:GRAND LAKES MUD 4

Permittee Address:1300 POST OAK BLVD, SUITE 1400
HOUSTON, TX 77056

Discharge:001-A
DOMESTIC FACILITY - 001

Facility:GRAND LAKES REGIONAL WWTP

Facility Location:3800' W/NW FM 1093 AND MASON RD
FORT BEND COUNTY, TX 77494

Report Dates & Status

Monitoring Period:From 07/01/21 to 07/31/21

DMR Due Date:08/20/21

Status:NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.6					19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.0 MO MIN					19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.2			=	7.6	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	29.51			26 - lb/d		=	4.05	=	12.4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	113.0 DAILY AV			26 - lb/d		<=	15.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	1.02			26 - lb/d		=	0.15	=	0.3	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	15.0 DAILY AV			26 - lb/d		<=	2.0 DAILY AV	<=	10.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.802	=	1.495	03 - MGD							0	99/99 - Continuous	TM - TOTALZ	
					Permit Req.	<=	0.9 DAILY AV		Req Mon	DAILY MX 03 - MGD								99/99 - Continuous	TM - TOTALZ	
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	1.3			=	3.75	19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	1.0 MO MIN			<=	4.0 MO MAX	19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	2.0	=	2.0	3Z - CFU/100mL	0	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.							<=	63.0 DAILY AV	<=	200.0 DAILY MX	3Z - CFU/100mL		02/30 - Twice Per Month	GR - GRAB	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	15.15			26 - lb/d		=	2.48	=	3.9	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	53.0 DAILY AV			26 - lb/d		<=	7.0 DAILY AV	<=	17.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

The pH is tested on each routine effluent sample. A two hour peak flow of 2,638 gpm was recorded on July 4, 2021 when the facility received 1.5 inches of rain which exceeded the permitted limit by more than 40%. The TCEQ Region 12 office was notified as required. Please see the attachment.

Attachments

Name	Type	Size
GLM4-Notification-07-04-2021.pdf	pdf	186739.0

Report Last Saved By

GRAND LAKES MUD 4

User:

syoung@municipaldistrictservices.com

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DMR Copy of Submission

Permit

Permit ID: TX0074004
Permittee: MEMORIAL MUNICIPAL UTILITY DISRICT
Facility: MEMORIAL MUD
Permitted Feature: 001 - External Outfall

Major: ☒
Permittee Address: 2277 PLAZA DR STE 280
SUGAR LAND , TX77479
Facility Location: 2811 FRY RD
HARRIS COUNTY , TX77083
Discharge: 001-A - DOMESTIC FACILITY - 001

Report Dates & Status

Monitoring Period: From 07/01/21 to 07/31/21
Status: **NetDMR Validated**

DMR Due Date: 08/20/21

Considerations for Form Completion

Principal Executive Officer

First Name:
Title:
Last Name:
Telephone:

No Data Indicator (NODI)

Form NODI: -

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
00300	Oxygen, dissolved [DO]	Smpl.				=6.73			19 - mg/L	0	02/07 - Twice Every Week	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.				>=6.0 MO MIN			19 - mg/L		02/07 - Twice Every Week	GR - GRAB
NODI: -		NODI										
00400	pH	Smpl.				=7.38		=7.42	12 - SU	0	02/07 - Twice	GR - GRAB

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
1 - Effluent Gross											Every Week	
Season: 0		Req.				>=6.0 MINIMUM		<=9.0 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
NODI: -		NODI										
00530	Solids, total suspended	Smpl.	=24.7		26 - lb/d		=2.2	=2.6	19 - mg/L	0	02/07 - Twice Every Week	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	<=376.0 DAILY AV		26 - lb/d		<=15.0 DAILY AV	<=40.0 DAILY MX	19 - mg/L		02/07 - Twice Every Week	CP - COMPOS
NODI: -		NODI										
00610	Nitrogen, ammonia total [as N]	Smpl.	=2.25		26 - lb/d		=0.2	=0.2	19 - mg/L	0	02/07 - Twice Every Week	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	<=50.0 DAILY AV		26 - lb/d		<=2.0 DAILY AV	<=7.0 DAILY MX	19 - mg/L		02/07 - Twice Every Week	CP - COMPOS
NODI: -		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.	=1.254	=1.849	03 - MGD					0	99/99 - Continuous	TM - TOTALZ
1 - Effluent Gross												
Season: 0		Req.	Req Mon DAILY AV	Req Mon DAILY MX	03 - MGD						99/99 - Continuous	TM - TOTALZ
NODI: -		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.		=1388.0	78 - gal/min					0	99/99 - Continuous	TM - TOTALZ
P - See Comments												
Season: 0		Req.		<=10417.0 2HR PEAK	78 - gal/min						99/99 - Continuous	TM - TOTALZ
NODI: -		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.	=1.232		03 - MGD	Page 12 of 78				0	99/99 - Continuous	TM - TOTALZ
Y - Effluent Gross (Supplementary)												

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
Season: 0		Req.	<=3.0 ANNL AVG		03 - MGD						99/99 - Continuous	TM - TOTALZ
NODI: -		NODI										
50060	Chlorine, total residual A - Disinfection, Process Complete	Smpl.						=0.07	19 - mg/L	0	01/01 - Daily	GR - GRAB
Season: 0			Req.					<0.1 INST MAX	19 - mg/L		01/01 - Daily	GR - GRAB
NODI: -		NODI										
50060	Chlorine, total residual B - Prior to Disinfection	Smpl.				=1.16			19 - mg/L	0	01/01 - Daily	GR - GRAB
Season: 0			Req.				>=1.0 MO MIN		19 - mg/L		01/01 - Daily	GR - GRAB
NODI: -		NODI										
51040	E. coli 1 - Effluent Gross	Smpl.					=1.0	<2.0	3Z - CFU/100mL	0	01/07 - Weekly	GR - GRAB
Season: 0			Req.				<=63.0 DAILY AV	<=200.0 DAILY MX	3Z - CFU/100mL		01/07 - Weekly	GR - GRAB
NODI: -		NODI										
80082	BOD, carbonaceous [5 day, 20 C] 1 - Effluent Gross	Smpl.	=37.2		26 - lb/d		=3.1	=6.6	19 - mg/L	0	02/07 - Twice Every Week	CP - COMPOS
Season: 0			Req.	<=250.0 DAILY AV		26 - lb/d		<=10.0 DAILY AV	<=25.0 DAILY MX	19 - mg/L		02/07 - Twice Every Week
NODI: -		NODI										

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

STORM WATER MANAGEMENT - 2021
Storm Sewer Maintenance and Repairs

Reseal inlet walls - STM-051A / Mason Rd	Apr-21
Reseal ring - Westheimer Pkwy	Apr-21
Reseal outer inlet - STM-A-58A	Apr-21
Remove debris inlet - STM-019A	Apr-21
Remove debris inlet - STM-019B	Apr-21
Reseal wall; remove debris-inlet - STM-018B	Apr-21
Reseal wall; remove debris-inlet - STM-018A	Apr-21
Remove debris-inlet - STM-015A	Apr-21
Replace broken grate / Reseal inlet walls and outer inlet (STM-037A / Mason Rd)	Apr-21
Reseal inlet walls (STM-047B / Mason Rd)	Apr-21
Reseal ring - STM-009	May-21
Unable to remove lid - STM-012	May-21
Re-align ring; holding water - STM-036	May-21
Replace damaged grate cover - inlet - STM-002A	May-21
Replace inlet top (STM-A-61A Peek Rd @ Highland Knolls Dr)	Jul-21

Drainage Maintenance and Repairs

Review pole cam inspection and make report on repairs	May-21
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Sanitary Sewer Maintenance and Repairs

Reseal ring - STM-A-9 / Peek Rd	Apr-21
Televise outfall WFC-45; Access manhole located at 24703 Bent Sage Ct	Aug-21
Maintenance survey and lamping inspection of manholes and storm inlets	Aug-21

Inspections

Grease Trap: None

Construction

None

Sanitary Sewer Overflows

None

Bill Messages

None

MS4 Inserts

None

WFDD: 5 Year Plan

Inframark will complete storm manhole and inlet survey:

Year	District	MH & Inlet Count	Survey Estimate	MH Repair 20% Estimate
1 2020-2021	CNC1 CNC2 CNC1 Master	MH=148, Inlet=105 MH=135, Inlet=67 MH=350, Inlet=400 Total: 1205	\$54,225	\$168,700 Feb 2021: Board Approved CNC1 & CNCM Repair \$72,700
2 TBE 2022	CNC3 CNC5 CNC6 CNC7	MH=109, Inlet=71 MH=10, MH=32, MH=173, Inlet=127 Total: 522	\$32,210	\$73,500
3 TBE 2023	CNC9 CNC10 CNC12	MH=45, Inlet=28 MH=165, Inlet=158 MH=25 Total: 421	\$26,655	\$59,500
4 TBE 2024	CNC14 W	MH=309, Inlet=230 Total: 539	\$33,145	\$75,600
5 TBE 2025	CNC14 E	MH=236, Inlet=197 Total: 433	\$27,315	\$60,900

Inframark will inspect storm collection lines, by lapping all lines and televising as needed

Year	District	Lamping Estimate	Televising Estimate	Cleaning/Root Cutter
1 2020-2021	CNC1 CNC2 CNC1 Master	\$35,547	\$25,000	\$30,000
2 TBE 2022	CNC3 CNC5 CNC6 CNC7	\$41,760	\$25,000	\$30,000
3 TBE 2023	CNC9 CNC10 CNC12	\$33,680	\$25,000	\$30,000
4 TBE 2024	CNC14W	\$43,120	\$25,000	\$30,000
5 TBE 2025	CNC14E	\$34,640	\$25,000	\$30,000

Willow Fork Drainage District Storm Lamping Survey

Summary of Estimated Debris Removal

Location	ID Numbers	Main Size	Linear Feet	Per/Foot	Sub Total
Westhimer Parkway	B4A / B4	24"	75	5.50	\$ 412.50
Westhimer Parkway	B4B / B4	24"	75	5.50	\$ 412.50
Westhimer Parkway	B2B / B2	24"	75	5.50	\$ 412.50
Westhimer Parkway	C2A / C2	24"	75	5.50	\$ 412.50
Westhimer Parkway	C2B / C2	24"	75	5.50	\$ 412.50
Westhimer Parkway	C7A / C7	24"	75	5.50	\$ 412.50
Westhimer Parkway	A6A / A6	24"	75	5.50	\$ 412.50
Westhimer Parkway	A6B / A6	24"	75	5.50	\$ 412.50
Westhimer Parkway	A9A / A9	24"	75	5.50	\$ 412.50
Westhimer Parkway	A1 / A2	54"	100	12.00	\$ 1,200.00
Westhimer Parkway	A5A / A5	24"	75	5.50	\$ 412.50
Westhimer Parkway	A13B / A13	24"	75	5.50	\$ 412.50
Westhimer Parkway	A14 / A15	42"	120	9.00	\$ 1,080.00
Section Totals			1045		\$ 6,817.50

Location	ID Numbers	Main Size	Linear Feet	Per/Foot	Sub Total
Mason Road	14B / 14	24	112	5.50	\$ 616.00
Mason Road	15B / 15	24	112	5.50	\$ 616.00
Mason Road	16A / 16B	24	112	5.50	\$ 616.00
Mason Road	20A / 20B	24	112	5.50	\$ 616.00
Mason Road	22B / 22	24	112	5.50	\$ 616.00
Mason Road	25A / 25B	24	112	5.50	\$ 616.00
Mason Road	27A / 27B	24	112	5.50	\$ 616.00
Mason Road	28A / 28	24	35	5.50	\$ 192.50
Mason Road	028A / 028B	24	112	5.50	\$ 616.00
Mason Road	002A / 002B	24	112	5.50	\$ 616.00
Mason Road	004 / 005	36	300	6.75	\$ 2,025.00
Mason Road	007B / 007A	24	112	5.50	\$ 616.00
Mason Road	0034A / 0034B	24	112	5.50	\$ 616.00
Mason Road	09B / 09A	24	112	5.50	\$ 616.00
Mason Road	037B / 037A	24	112	5.50	\$ 616.00
Mason Road	010A / 010B	24	112	5.50	\$ 616.00
Mason Road	011A / 011B	24	112	5.50	\$ 616.00
Mason Road	039B / 039A	24	112	5.50	\$ 616.00
Mason Road	041A / 041B	24	112	5.50	\$ 616.00
Mason Road	045A / 045B	24	112	5.50	\$ 616.00
Mason Road	037B / 037A	24	112	5.50	\$ 616.00
Mason Road	050B / 050A	24	112	5.50	\$ 616.00
Section Totals			2575		\$ 14,537.50

Willow Fork Drainage District Storm Lamping Survey

Summary of Estimated Debris Removal

Location	ID Numbers	Main Size	Linear Feet	Per/Foot	Sub Total
Cinco Ranch Blvd.	B1 / B2	42	300	9.00	\$ 2,700.00
Cinco Ranch Blvd.	A6 / A7	72	200	12.00	\$ 2,400.00
Cinco Ranch Blvd.	A3 / A4	66	300	12.00	\$ 3,600.00
Section Totals			3375		\$ 8,700.00
Location	ID Numbers	Main Size	Linear Feet	Per/Foot	Sub Total
Peek Road	1A / 1	24	50	5.5	\$ 275.00
Peek Road	A2 / A3	48	200	9	\$ 1,800.00
Peek Road	A2 / A1	48	500	9	\$ 4,500.00
Peek Road	A3A / A3	24	50	5.5	\$ 275.00
Peek Road	A4B / A4	24	50	5.5	\$ 275.00
Peek Road	A9A / A9	24	50	5.5	\$ 275.00
Peek Road	A12A / A12	24	50	5.5	\$ 275.00
Peek Road	A12B / A12	24	50	5.5	\$ 275.00
Peek Road	A13A / A13	24	50	5.5	\$ 275.00
Peek Road	A17A / A17	24	50	5.50	\$ 275.00
Peek Road	A21B / A21	24	50	5.50	\$ 275.00
Peek Road	A26A / A26	24	50	5.50	\$ 275.00
Peek Road	A26B / A26	24	50	5.50	\$ 275.00
Peek Road	A29A / A29	30	300	6.00	\$ 1,800.00
Peek Road	A32A / A32	24	50	5.50	\$ 275.00
Peek Road	A34 / A35	24	50	5.50	\$ 275.00
Peek Road	A35 / A36	36	300	6.75	\$ 2,025.00
Peek Road	A35B / A35	24	50	5.50	\$ 275.00
Peek Road	A36 / A37	24	50	5.50	\$ 275.00
Peek Road	A38A / A38	24	50	5.50	\$ 275.00
Peek Road	A39 / A40	24	50	5.50	\$ 275.00
Peek Road	A40A / A40	36	50	6.75	\$ 337.50
Peek Road	A40B / A40	24	50	5.50	\$ 275.00
Peek Road	A42 / A43	24	50	5.50	\$ 275.00
Peek Road	A42A / A42	24	50	5.50	\$ 275.00
Peek Road	A43A / A43	24	50	5.50	\$ 275.00
Peek Road	A46 / A47	24	50	5.50	\$ 275.00
Peek Road	A47 / A48	24	50	5.50	\$ 275.00
Peek Road	A47A / A47	24	50	5.50	\$ 275.00
Peek Road	A47A / A48	24	50	5.50	\$ 275.00
Peek Road	A50A / A50	24	50	5.50	\$ 275.00
Peek Road	A53A / A53	24	50	5.50	\$ 275.00
Peek Road	A59B / A59	24	50	5.50	\$ 275.00
Peek Road	A61B / A61	24	50	5.50	\$ 275.00
Peek Road	A63A / A63	24	50	5.50	\$ 275.00
Section Totals			2850		\$ 18,712.50

Willow Fork Drainage District Storm Lamping Survey
Summary of Estimated Debris Removal

Location	ID Numbers	Main Size	Linear Feet	Per/Foot	Sub Total
Highland Knolls	008/009	24	50	5.50	\$ 275.00
Highland Knolls	012A / 012	24	50	5.50	\$ 275.00
Highland Knolls	012B / 012	24	50	5.50	\$ 275.00
Highland Knolls	013A / 013	24	50	5.50	\$ 275.00
Highland Knolls	025A / 025	24	50	5.50	\$ 275.00
Highland Knolls	025B / 025	24	50	5.50	\$ 275.00
Section Totals			300		\$ 1,650.00

Location	ID Numbers	Main Size	Linear Feet	Per/Foot	Sub Total
Fry Road	E2 / E3	30	425	6.00	\$ 2,550.00
Fry Road	E4A / E4	24	50	5.50	\$ 275.00
Fry Road	E4B / E4	24	50	5.50	\$ 275.00
Fry Road	E5A / E5	24	50	5.50	\$ 275.00
Fry Road	D5A / D5	24	50	5.50	\$ 275.00
Fry Road	D5B / D5	24	50	5.50	\$ 275.00
Fry Road	D6 / D7	24	400	5.50	\$ 2,200.00
Fry Road	D6A / D6	24	50	5.50	\$ 275.00
Fry Road	D6B / D6	24	50	5.50	\$ 275.00
Fry Road	D7 / D8	24	325	5.50	\$ 1,787.50
Fry Road	D8A / D8	24	50	5.50	\$ 275.00
Fry Road	D8B / D8	24	50	5.50	\$ 275.00
Fry Road	A1-1A / A1-1	24	50	5.50	\$ 275.00
Fry Road	A1-3A / A1-3	24	50	5.50	\$ 275.00
Fry Road	A1-3B / A1-3	24	50	5.50	\$ 275.00
Fry Road	A1-10 / A1-11	42	575	9.00	\$ 5,175.00
Fry Road	A1-10A / A1-10	24	50	5.50	\$ 275.00
Fry Road	A1-10B / A1-10	24	50	5.50	\$ 275.00
Fry Road	A12 - A13	24	50	5.50	\$ 275.00
Fry Road	G3 / G4	72	30	12.00	\$ 360.00
Section Totals			2505		\$ 16,197.50

Location			Linear Feet	Total
Westhimer Parkway			1045	\$ 6,817.50
Mason Road			2575	\$ 14,537.50
Cinco Ranch Blvd.			800	\$ 8,700.00
Peek Road			2850	\$ 18,712.50
Highland Knolls			300	\$ 1,650.00
Fry Road			2505	\$ 16,197.50

Line Segment Totals			10075	\$ 66,615.00
**Estimated Debris Disposal Cost		Estimated: 252 yards at \$80.00 per yard		\$ 20,160.00
**Estimated Travel Time for Disposal		Estimated 25 Trips at \$550.00 per trip		\$ 13,750.00
		Estimated Total for Debris Removal		\$ 100,525.00

Line	Section	Linear Feet	Line Size	Price/Foot	Comments	Sub-Total
A3 to A3-1	33	18	24	5.5	Dirt and leaves	\$ 99.00
A3-1 to A3-2	33	35	24	5.5	Rock, dirt, and leaves (bad)	\$ 192.50
A7-1 to A7	33	40	24	5.5	Dirt and leaves	\$ 220.00
A7-2 to A7	33	38	24	5.5	Dirt/mud and leaves	\$ 209.00
A9 to A10	33	60	54	12	Dirt and grit	\$ 720.00
A9-1 to A9-2	33	32	24	5.5	Leaves	\$ 176.00
H1	33				Manhole lid stuck shut	\$ -
H1-1 to H1	33	16	24	5.5	Broken concrete	\$ 88.00
H1-1 to H1-2	33	88	24	5.5	Leaves and dirt	\$ 484.00
C3-1 to C3	33	13	24	5.5	Dirt and Mud	\$ 71.50
C3 to C2	33	105	24	5.5	Dirt and grit	\$ 577.50
C3-1 to C3-2	33	30	24	5.5	Dirt and leaves	\$ 165.00
E1-1 to E1-2	33	30	24	5.5	Dirt, mud, and concrete	\$ 165.00
A14 to A13	28	95	36	6.75	Rocks and Debris in Line	\$ 641.25
A19 to A20	28	130	30	6	Rocks and Debris in Line	\$ 780.00
A21 to A20	28	145	30	6	Rock and Dirt	\$ 870.00
A21 to A22	28	215	30	6	Boulder in Line	\$ 1,290.00
B2	28				Cannot lift grate	\$ -
B3 to B2	28	55	24	5.5	Dirt in line	\$ 302.50
B5 to B6	28	25	24	5.5	Pebbles and grit in Line	\$ 137.50
C31 to C32	28	125	24	5.5	Dirt and grit in Line	\$ 687.50
D4 to D5	28	25	24	5.5	Build up of plants and dirt	\$ 137.50
D5	28				Grate, unable to pick up	\$ -
A10 to A10-1	22 & 23	14	24	5.5	Dirt and leaves in line	\$ 77.00
D1 to D1-1	22 & 23	14	24	5.5	Rock and Rubble	\$ 77.00
D1-1 to D1-2	22 & 23	30	24	5.5	Dirt and Mud	\$ 165.00
D3 to D4	22 & 23	180	30	6	Minor debris in line	\$ 1,080.00
D5 to D5-1	22 & 23	15	24	5.5	Debris and leaves	\$ 82.50
D6 to D6-1	22 & 23	75	24	5.5	Mud, grit and debris	\$ 412.50
D2 to J2	22 & 23	140	24	5.5	Leaves, dirt, mud, and damaged concrete	\$ 770.00
J2 to J1	22 & 23	80	24	5.5	Grit and mud	\$ 440.00
J1 to J1-1	22 & 23	10	24	5.5	Rock and debris	\$ 55.00
J1-1 to J1-2	22 & 23	30	24	5.5	Mud across line	\$ 165.00
K1 to K1-1	22 & 23	13	24	5.5	Mud, dirt and debris in line	\$ 71.50
K1-1 to K1-2	22 & 23	30	24	5.5	Concrete or rock in line	\$ 165.00
G1-1 to G1-2	22 & 23	32	24	5.5	Sand bag down line	\$ 176.00
H1-1 to H1-2	22 & 23	32	24	5.5	Rock and debris, sand bag in line	\$ 176.00
I1 to G10	22 & 23	72	24	5.5	Debris in line	\$ 396.00
I1 to I1-1	22 & 23	18	24	5.5	Large concrete blockage	\$ 99.00
I1-1 to I1-2	22 & 23	32	24	5.5	Blockage, dirt dam	\$ 176.00
G11-1 to G11-2	22 & 23	30	24	5.5	Damaged Line	\$ 165.00
A1 to A1-1	9	14	24	5.5	Small debris and dirt in line	\$ 77.00
A1-2 to A1-1	9	33	24	5.5	Dirt and grit between inlets	\$ 181.50

A1 to A2	9	80	20	5.5	Small dirt pile at ends	\$ 440.00
A2 to A3	9	94	20	5.5	Needs cleaning debris in line	\$ 517.00
A3 to A4	9	85	20	5.5	Small rocks and debris	\$ 467.50
A4 to A5	9	115	24	5.5	Bricks and debris in line	\$ 632.50
A11-1 to A11-2	9	34	30	6	Inlets has debris in line	\$ 204.00
A11 to A12	9	180	30	6	Debris and dirt in line	\$ 1,080.00
B1 to B1-1	9	70	24	5.5	Debris and leaves in line	\$ 385.00
B1-2 to B1-1	9	30	24	5.5	Leaves and dirt in line	\$ 165.00
B1 to B2	9	150	24	5.5	Grit and dirt in line	\$ 825.00
B2-1 to B2	9	13	24	5.5	Trash and dirt in line	\$ 71.50
C1-1 to C1-2	9	30	24	5.5	Dirt and mud/rock in line	\$ 165.00
D1 to D2	9	85	24	5.5	Leaves and dirt in line	\$ 467.50
D4 to D3	9	85	24	5.5	Leaves and dirt in line	\$ 467.50
D8-2 to D8-1	9	30	24	5.5	Leaves and dirt in line	\$ 165.00
E6-1 to E6	9	18	24	5.5	Leaves and dirt in line	\$ 99.00
Total:						\$ 19,172.25

ID No.	Section	Manhole Location	Latitude	Longitutde	Construction Material	Main Size	Depth (Inches)	Cover Size (Inches)	Linear Feet	Line Size in Inches	Price/Per Foot	Estimate
STM-B6	Cinco Forrest Sec 1	4322 Leaflock Lane	29.727227	-95.766896	Brick/Concrete	25"	69"	32"	45	24	\$ 5.50	\$ 247.50
STM-B6A	Cinco Forrest Sec 1	4322 Leaflock Lane	29.727190	-95.766839	Concrete	25"	54"	23.5"				
STM-B6B	Cinco Forrest Sec 1	4323 Leaflock Lane	29.727204	-95.766793	Concrete	25"	49"	23.5"				
STM-C4	Cinco Forrest Sec 1	22510 Arbor Stream Drive	29.726162	-95.762702	Brick/Concrete	60"	123"	32"	45	30	\$ 6.00	\$ 270.00
STM-C4A	Cinco Forrest Sec 1	22510 Arbor Stream Drive	29.726234	-95.762565	Concrete	25"	88"	23.5"				
STM-C4B	Cinco Forrest Sec 1	22507 Arbor Stream Drive	29.726154	-95.762532	Concrete	35"	82"	23.5"				
STM-C8-B	Cinco Forrest Sec 1	Canfield Oaks Lane	29.726834	-95.763756	Brick/Concrete	35"	92"	32"	115	24	\$ 5.50	\$ 632.50
STM-C8	Cinco Forrest Sec 1	22519 Downdale Circle	29.726969	-95.763472	Concrete	25"	80"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-C8CB	Cinco Forrest Sec 1	22519 Downdale Circle	29.726983	-95.763378	Concrete	25"	81"	23.5"				
STM-C10-BA	Cinco Forrest Sec 1	4302 Stonecraft Circle	29.727733	-95.764484	Concrete	35"	70"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-C10-Bb	Cinco Forrest Sec 1	4303 Stonecraft Circle	29.727754	-95.764528	Concrete	35"	72"	23.5"				
STM-C12A	Cinco Forrest Sec 1	4310 Maily Meadow Lane	29.727467	-95.765732	Concrete	35"	66"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-C12B	Cinco Forrest Sec 1	4315 Maily Meadow Lane	29.727494	-95.765618	Concrete	35"		23.5"				
STM-D3A	Cinco Forrest Sec 1	22510 Westbrook Cinco Lane	29.727277	-95.762030	Concrete	35"	54"	23.5"	35	30	\$ 6.00	\$ 210.00
STM-D3B	Cinco Forrest Sec 1	22515 Westbrook Cinco Lane	29.727226	-95.762071	Concrete	50"	58"	23.5"				
STM-D4A	Cinco Forrest Sec 1	4202 Canfield Oaks Lane	29.727872	-95.763196	Concrete	35"	59"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-D4B	Cinco Forrest Sec 1	4203 Canfield Oaks Lane	29.727977	-95.763352	Concrete	50"	65"	23.5"				
STM-D6A	Cinco Forrest Sec 1	4203 Stonecraft Circle	29.728437	-95.764021	Concrete	35"	55"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-D6B	Cinco Forrest Sec 1	4202 Stonecraft Circle	29.728441	-95.764119	Concrete	35"	45"	23.5"				
STM-D7A	Cinco Forrest Sec 1	4203 Maily Meadow Lane	29.728850	-95.764752	Concrete	35"	52"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-D7B	Cinco Forrest Sec 1	4202 Maily Meadow Lane	29.729013	-95.764766	Concrete	35"	49"	23.5"				
STM-A4A	Cinco Forrest Sec 1	Wellbrook Lane and Parkwalk Lane	29.725703	-95.766811	Brick/Concrete	50"	70"	32"	185	24	\$ 5.50	\$ 1,017.50
STM-A4BA	Cinco Forrest Sec 1	22727 Arbor Stream Drive	29.726115	-95.766818	Concrete	25"	54"	23.5"				
STM-A4Bb	Cinco Forrest Sec 1	22722 Arbor Stream Drive	29.726212	-95.766797	Concrete	35"	53"	23.5"				
STM-A5B	Cinco Forrest Sec 1	22714 Bloomridge Circle	29.725305	-95.766950	Concrete	30"	49"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-A8A	Cinco Forrest Sec 1	4610 Wellbrook Lane	29.724399	-95.766258	Concrete	35"	54"	23.5	35	24	\$ 5.50	\$ 192.50
STM-A8B	Cinco Forrest Sec 1	4611 Wellbrook Lane	29.724542	-95.766205	Concrete	35"	49"	23.5				
STM-D8-A	Fountain View Sec 3	22411 Merabrook Drive	29.729406	-95.758899	Concrete		63"	24"	45	30	\$ 6.00	\$ 270.00
STM-A1A	Fountain View Sec 3	Fall Branch Drive/Westheimer Parkway	29.734325	-95.759029	Concrete		65"	24"	85	30	\$ 6.00	\$ 510.00
STM-B1A	Institutional Core Sec 1	Waverly Bend @ Westenfield Lane	29.731480	-95.762544	Concrete	50"	62"	23.5"	35	24	\$ 5.50	\$ 192.50
STM-B5	Institutional Core Sec 1	3914 Waverly Bend	29.730676	-95.763203	Brick/Concrete	35"	72"	32"	45	30	\$ 6.00	\$ 270.00
STM-B9A	Institutional Core Sec 1	3934 Waverly Bend	29.730723	-95.764146	Concrete	50"	68"	23.5"	35	30	\$ 6.00	\$ 210.00
STM-B9B	Institutional Core Sec 1	3939 Waverly Bend	29.730663	-95.764127	Concrete	50"	65"	23.5"				
Page 22 of 28											Total:	\$ 5,370.00

Willow Fork Drainage District Storm Sewer Manhole and Inlet Survey Summary of Repair Recommendations

Total Number of Manholes Inspected: 202
Manholes Found No Issues Noted: 27

Please see the table below for deficiencies found and estimated costs of the needed repairs:

Description		Estimated Repair Cost		
		Each	After Review Count	After Review Total
Locate Manhole		\$200.00	9	\$1,800.00
Unable to Remove Manhole Cover		\$200.00	3	\$600.00
Lower Manhole to Grade		\$1,700.00		\$0.00
Raise Manhole to Grade		\$1,600.00		\$0.00
Realign Manhole Ring		\$750.00	1	\$750.00
Reseal Manhole Ring / Inlet*		\$750.00	2	\$1,500.00
Reseal Manhole Cone / Box*		\$750.00	10	\$7,500.00
Remove Debris from Manhole **		\$1,500.00	2	\$3,000.00
Sidewalk Settling Around Manhole ***		\$1,800.00		\$0.00
			27	
		Total	Total	\$15,150.00

All cost shown are **estimates only**. Actual cost will be adjusted accordingly.

Cost Estimates include all materials required to perform needed repairs unless otherwise noted.

* May require confined space entry to perform task safely which would increase cost by \$1,000.00

** Cost includes utilizing a Vactor Truck. Combining multiple locations if possible would reduce cost.

*** Cost is based on removal and replacement of a 4 foot by 8 foot section of concrete.

*** Actual cost would vary depending on the size being replaced.

**Willow Fork Drainage District
Cinco Forest Section 1
Storm Manhole and Inlet Survey**

CNC2

Date	ID No.	Section	Manhole Location	Latitude	Longitude	Construction Material	Main Size	Depth (Inches)	Cover Size (Inches)	Comments
11/11/19	STM-B1	Cinco Forrest Sec 1	Peek Road and Nightwind Lane	29.728528	-95.767171	Brick/Concrete	72"	158"	32"	Reseal Cone / Remove Debris
11/12/19	STM-D2	Cinco Forrest Sec 1	22507 Westbrook Cinco Lane	UNK	UNK	UNK	UNK	UNK	UNK	Need to Locate
11/12/19	STM-A4BA	Cinco Forrest Sec 1	22727 Arbor Stream Drive	29.726115	-95.766818	Concrete	25"	54"	23.5"	Repair Inlet Box Wall
11/12/19	STM-A5A	Cinco Forrest Sec 1	22715 Bloomridge Circle	29.725261	-95.766797	Concrete	30"	52"	23.5"	Reseal Inlet Box Wall - Inlet
11/12/19	STM-A5B	Cinco Forrest Sec 1	22714 Bloomridge Circle	29.725305	-95.766950	Concrete	30"	49"	23.5"	Reseal Inlet Wall / Remove Debris - Inlet
11/12/19	STM-A6	Cinco Forrest Sec 1	4510 Wellbrook Lane	UNK	UNK	UNK	UNK	UNK	UNK	Need to Locate
11/13/19	STM-A8A	Cinco Forrest Sec 1	4610 Wellbrook Lane	29.724399	-95.766258	Concrete	35"	54"	23.5"	Reseal Inlet Box Wall - Inlet
11/13/19	STM-A8B	Cinco Forrest Sec 1	4611 Wellbrook Lane	29.724542	-95.766205	Concrete	35"	49"	23.5"	Reseal Inlet Wall - Inlet
11/13/19	STM-C10	Cinco Forrest Sec 1	Arbor Stream Drive	29.726832	-95.764823	Brick/Concrete	50"	99"	32"	Reseal Inner Ring
04/15/20	STM-D10	Fountain View Sec 3	22423 Merabrook Drive	UNK	UNK	UNK		UNK	UNK	Need to locate
04/15/20	STM-B8	Fountain View Sec 3	22331 Bellows Bend	29.731358	-95.758220	Concrete		UNK	32"	Unable to Remove Cover
04/15/20	STM-A1	Fountain View Sec 3	Fall Branch Drive/Westheimer Parkway	29.734339	-95.759029	Concrete		UNK	UNK	Need to Locate
04/15/20	STM-A2	Fountain View Sec 3	Fall Branch Drive/Westheimer Parkway	UNK	UNK	UNK		UNK	UNK	Need to locate
11/18/19	STM-B1A	Institutional Core Sec 1	Waverly Bend @ Westenfield Lane	29.731480	-95.762544	Concrete	50"	62"	23.5"	Reseal Inlet Wall - Inlet
11/18/19	STM-B2B	Institutional Core Sec 1	22702 Blenfield	29.731124	-95.762846	Concrete	35"	54"	23.5"	Reseal Inlet Wall - Inlet
11/15/19	STM-A12	Institutional Core Sec 2	WFDD Drainage Ditch	UNK	UNK	UNK	UNK	UNK	UNK	Need To Locate
11/15/19	STM-B4	Institutional Core Sec 2	Ryewood Court	29.731042	-95.761394	Cement	60"	101"	32"	Reseal Cone / Lower to Grade
11/15/19	STM-B6	Institutional Core Sec 2	Diamonddale Court	UNK	UNK	UNK	UNK	UNK	UNK	Need To Locate
11/15/19	STM-B7	Institutional Core Sec 2	3926 Diamonddale Court	29.730497	-95.760326	Cement	60"	85"	32"	Reseal Cone And Ring
11/15/19	STM-B8	Institutional Core Sec 2	Diamonddale Court	UNK	UNK	UNK	UNK	UNK	UNK	Need To Locate
04/17/20	STM-A10	North Lake Village Sec 1	2127 Crystal Downs Drive	29.750103	-95.764478	Concrete		74"	23.5"	Reseal Ring
04/16/20	MH-A8	North Lake Village Sec 4 & 5	Cinco Lakes Drive	29.745050	-95.753614	Concrete		UNK	24"	Unable to remove Lid
11/19/19	STM-A4	North Lake Village Sec 10	22619 Blue Canyon Dr	UNK	UNK	UNK	24"	UNK	UNK	Need to Locate
04/16/20	STM-A12	South Lake Village Sec 5	South Mason Road	29.738870	-95.752106	Concrete	30"	100"	24"	Re-Align Ring
04/16/20	STM-A14	South Lake Village Sec 5	South Mason Road	29.738624	-95.752045	Concrete	30"	145"	32"	Reseal Ring
04/15/20	STM-D10	Town Center Sec 1	3406 Brinton Trails Drive	29.736227	-95.767236	UNK	UNK	UNK	32"	Unable to Open

15150



Willow Fork Drainage District

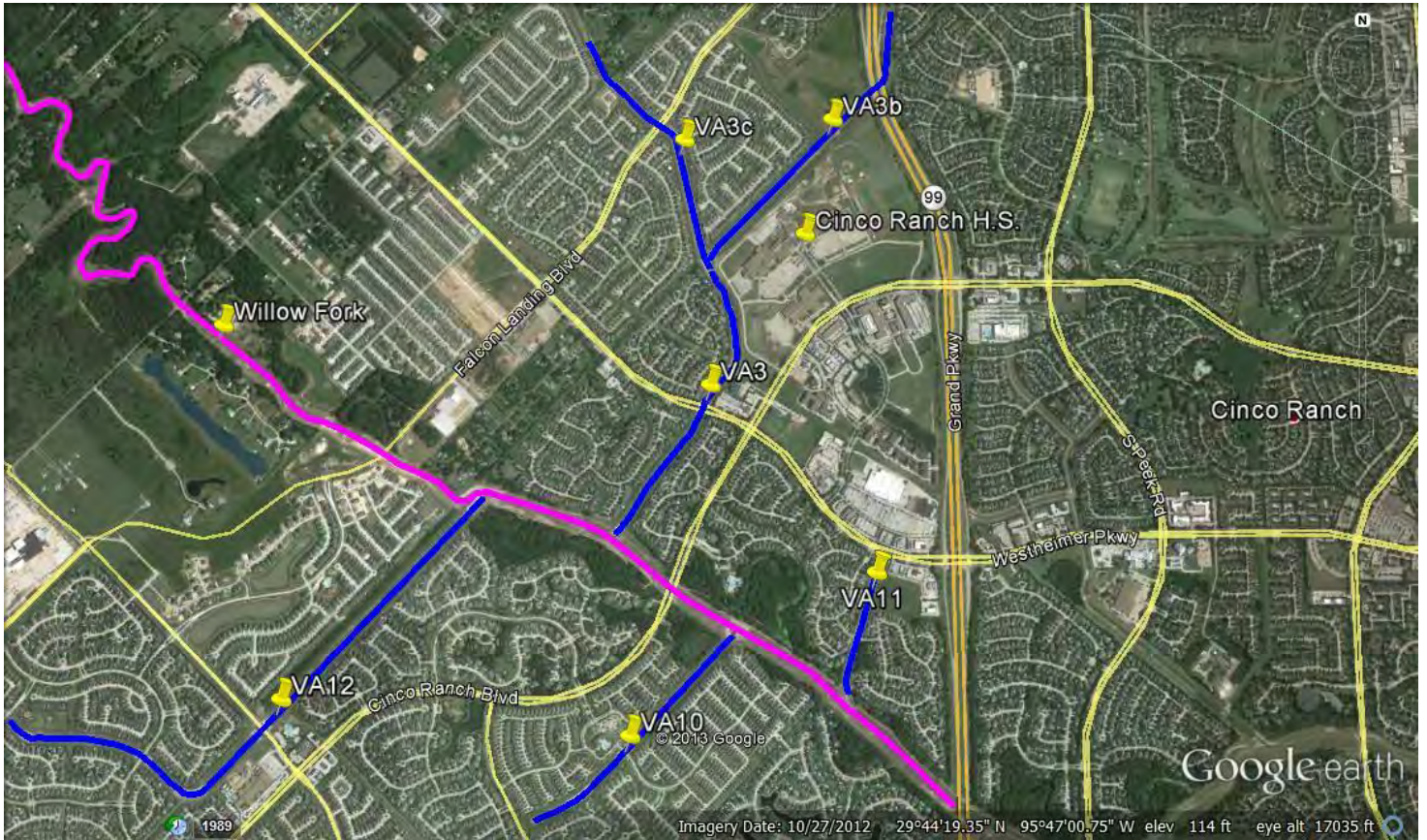
Detention and Drainage Facilities Report

September 09, 2021



13226 Kaltenbrun ~ Houston, Texas 77086 ~ Phone: 281-445-2614 ~ Fax: 281-445-2349
Account Representative: Jerry Schroeder ~ Cell: (713) 713-3516 ~
Email: jschroeder@champhydro.com

I. Facilities West of Grand Pkwy:



- Va3 system - water under slope paving off Frio Bridge. Working on solution. More toe /slope damage from May-June rains.
- Va10 – small toe damage at beginning by boxes. Monitoring.
- Va11 – no issues.
- Va12 – Several areas where concrete slope paving at toe on outfalls is showing erosion. Will prioritize areas for repairs.

Va3 @ 99













Va3e





Va10



5235 Rainfield Ct Katy TX 77494 US
210 deg(T), 2021-09-07 11:24:11-05:00



25330 Sundown Canyon Ln Katy TX 77494 US
72 deg(T), 2021-09-07 11:25:15-05:00



Va11





Va12









Agenda Item No. 11 - Engineering matters

LJA is working on possible impacts on District Residents related to Risk Rating 2.0. Information has been requested from FEMA and will be passed along to the Board once received.

LJA has nothing to report this month.

Nothing new to report this month. LJA is awaiting response from Allgood on the repairs to Best Trash's access road.

Pay Applications			
Number	PA Amount	Remaining Contract Amount	Status
PA No. 1	\$108,075.60	\$4,143,572.40 ^{(1) (3)}	Paid
PA No. 2	\$360,849.02	\$3,899,482.73 ^{(2) (3)}	Paid
PA No. 3	\$173,404.80	\$3,726,077.94 ^{(2) (3)}	Paid
PA No. 4	\$242,200.80	\$3,483,877.13 ^{(2) (3)}	Paid
PA No. 5	\$358,344.00	\$3,125,533.13 ^{(2) (3)}	Paid
PA No. 6	\$409,968.00	\$2,715,565.13 ^{(2) (3)}	Paid
PA No. 7	\$217,296.00	\$2,498,269.13 ^{(2) (3)}	Paid
PA No. 8	\$299,808.00	\$2,198,461.13 ^{(2) (3)}	Paid
PA No. 9	\$653,011.20	\$1,545,449.93 ^{(2) (3)}	Paid
PA No. 10	\$223,387.20	\$1,322,062.73 ^{(2) (3)}	Paid
PA No. 11	\$229,284.00	\$1,092,778.73 ^{(2) (3)}	Paid
PA No. 12	\$305,532.00	\$787,246.73 ^{(2) (3)}	Paid
PA No. 13	\$253,889.39	\$201,844.74 ^{(2) (3)}	Paid

(1) Does not Include Change Order No. 1. After Change Order No 1, the remaining contract amount will be \$4,260,331.75.

(2) Includes Change Order No. 1.

(3) Includes Retainage.

Change Orders			
Number	Total Amount	Updated Contract Amount	Summary / Status
CO No. 1	\$116,759.35	\$4,368,407.35	Approved / Complete
CO No. 2	\$30,000.00	\$4,398,407.35	Approved / Complete
CO No. 3	\$10,500.00	\$4,408,907.35	Approved / Complete
CO No. 4	No Cost Adjustment	No Cost Adjustment	Approved / Complete

d) **Update on USACE Interim Report and authorize necessary action:**

LJA has nothing to report this month.

e) **Authorize appropriate action regarding pilot project in the Barker Reservoir with U.S. Army Corps of engineers, including approval of plans and specifications and obtaining Corps approval:**

The USACE is currently reviewing the District's Outgrant Application. LJA has had several conversations with the USACE over the past 3 weeks. The main request is for the District to perform the environmental assessment and an initial geotechnical investigation. This information will need to be submitted to the USACE as part of the Outgrant Application. The environmental assessment is fairly straightforward while the geotechnical investigation has specific requirements related to the USACE Dam Safety Program. LJA is working with the USACE to finetune the requirements to prepare a scope and fee for the work. Based on current information, LJA is estimating a budget range of \$300,000 to \$360,000. This includes the environmental assessment, an initial geotechnical investigation, and surveying services for the project. The number is primarily contingent upon the number of borings ultimate required by the USACE's Dam Safety Team. The attached exhibit is one interpretation of the USACE's Dam Safety Team's request. Please note that the initial geotechnical investigation is for the Dam Safety Team review. Additional borings will be required over the final project area.

LJA is working on updating the presentation for the project that will be used for future stakeholder and public meetings. The revised draft presentation should be sent to the Board for review next week.

f) **Discuss and take appropriate action regarding Texas Water Development Board Application.**

Nothing new to report this month. LJA is working with ABHR to track the overall closing schedule.

g) **Discuss financing of all desilting, repairs, and rehabilitation work due to Hurricane Harvey and authorize execution of Interlocal Agreement with Grand Lakes Water Control & Improvement District No. 2 and authorize financial advisor to take necessary action to obtain bridge financing, if appropriate:**

LJA has nothing to report this month.

h) **Authorize appropriate action regarding contract for mid-block crossings;**

LJA will be visiting with the Park's Committee on final lighting locations at their upcoming Committee meeting next week. Once approved by the Committee, LJA will coordinate with Division III on the additional costs required for the various sites.

i) **Deeds, easements, offsite drainage agreements, consents, including Requests to transfer drainage capacity and requests to reserve drainage capacity.**

Nothing new to report this Month.

j) **Design of District Facilities:**

Nothing new to report this Month.

k) **Status of ongoing repairs to facilities:**

a) **Va9 Outfall Repairs**

Canyon Construction is approximately 95% complete with the project. We anticipate them completing the project by the end of the month.

Project Summary
Contractor: Canyon Construction
Original Contract Amount: \$119,205.00
Current Contract Amount: \$148,305.00
Notice to Proceed: August 2, 2021

Pay Applications			
Number	PA Amount	Remaining Contract Amount	Status
PA No. 1	\$124,085.25	\$24,219.75 ⁽¹⁾	Recommend Approval

Notes:

⁽¹⁾ Includes Retainage.

Change Orders			
Number	Total Amount	Updated Contract Amount	Summary / Status
CO No. 1	\$29,100.00	\$148,305.00	Approved – Additional Pipe and Inlets to extend CMP outside of backyard drainage easements.

REQUIRED BOARD ACTION: Approve Pay Application No. 1.

b) **Canyon Gate (Presidio Canyon) Outfall Investigation**

LJA has evaluated alternative methods for inspecting the outfall based on comments received at the August Parks meeting. Based on our review, the best alternative to date would be to install a coffer dam at the end of the outfall. LJA has met with underwater inspection firms and at this moment using an aquatic remote operate vehicle (ROV) will most likely not work at this location due to the “normal” water levels within the outfall. Under normal conditions, there is insufficient water for an ROV to properly inspect the outfall and see the top and bottom of the pipe. That is contingent upon the specific conditions at the time of the inspection.



Figure 1 - Normal Condition (08/31/2021)



Figure 2 - Current Condition (09/08/2021)

LJA is still evaluating alternative methods for inspecting the outfalls; however, LJA is working with Champions to refine their price for a coffer dam at the outfall. This price will be provided to the Board at the meeting for consideration.

LJA is also working on reviewing the existing capacity of the system to determine potential impacts to the storm sewer related to the higher “normal” water levels in the division channel and the intensities of the recent storms.

c) **Harvey Recovery Projects**

- **Va1, Va9 and Va12 Slope Erosion:** LJA took bids for the repairs to Va1, Va9 and Va12 as part of the District's Public Assistance Grant from Hurricane Harvey. LJA is working with Inframark and ABHR on awarding this project. Attached is the complete Bid Tabulation with a summary below:

- FEMA Approved Costs:
 - Total Construction ~ \$104,394.80
 - i. FEMA Received (90%) ~ \$93,955.32
 - ii. TDEM Received (75% of Remaining 10%) ~\$7,829.61
 - iii. Total Grant Reimbursed ~ \$101,684.93
 - iv. Total District Expense (Not Reimbursed) ~ \$2,609.87
- Bid Results
 - 1st (Low Bid): Division III
 - Total Bid ~ \$176,725.00
 - FEMA Related Items ~ \$123,125.00
 - Addition Repairs ~ \$53,600.00
 - Total District Expense ~ \$72,330.20
 - 2nd: Compact.TX
 - Total Bid ~ \$196,330.00
 - FEMA Related Items ~ \$126,030.00
 - Addition Repairs ~ \$70,300.00
 - Total District Expense ~ \$91,935.20
 - 3rd: Champions
 - Total Bid ~ \$238,369.07
 - FEMA Related Items ~ \$183,818.57
 - Addition Repairs ~ \$54,550.50
 - Total District Expense ~ \$133,974.27

l) MS4 Matters, including action items budget and implementation of matrix/timeline:

- **AECOM is handling the District's MS4 Program and will give a separate update.**

Summary of Proposed Board Action Items:

Agenda Item	Project Name	Required Action
10.k.c	Va1, Va9 and Va12 Slope Erosion	Approve Pay Application No. 1.

Items requiring Board Signatures:

- Nothing required at the time of this report.

Items for next month's Agenda:

- Nothing requested at the time of this report.



PRE-PROJECT ROAD CONDITION
(BASED ON 2018 HGAC AERIAL)



POST-PROJECT ROAD CONDITION
(BASED ON APRIL 2020
NEARMAP AERIAL)

Copyright nearmap 2015

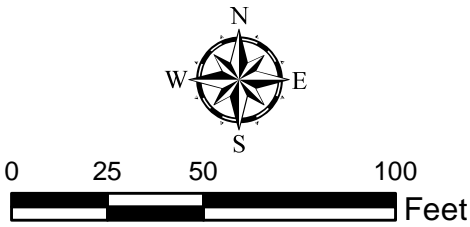
WILLOW FORK DRAINAGE DISTRICT
DIVERSION CHANNEL DESILT ACCESS

EXHIBIT A

ACCESS ROAD CONDITION SUMMARY

Date: July 2021

LJA Engineering, Inc.



Legend

- Stream (FEMA DFIRM Database)
- Fort Bend CAD Parcel

Post-Project Condition (April 2020 Aerial)

- Construction Damage
- Visible Asphalt
- Existing Gravel (Damage)

Pre-Project Condition (2018 Aerial)

- Visible Asphalt
- Visible Gravel



WILLOW FORK DRAINAGE DISTRICT






BARKER RESERVOIR FLOOD RISK REDUCTION AND PARK PROJECT

EXHIBIT

RIGHT-OF-ENTRY REQUEST (AREA OF EVALUATION)

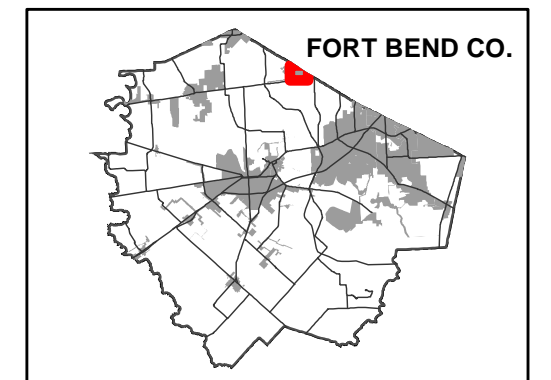
THE PURPOSE OF THE RIGHT-OF-ENTRY REQUEST IS TO PERFORM SURVEYING, GEOTECHNICAL, AND ENVIRONMENTAL SITE INVESTIGATIONS FOR THE WILLOW FORK DRAINAGE DISTRICT'S OUTGRANT APPLICATION.

LEGEND

-  Barker Dam
-  Willow Fork Drainage District Channel
-  Phase I Boring Locations
-  Right-of-Entry Project Area
-  Willow Fork Drainage District Boundary

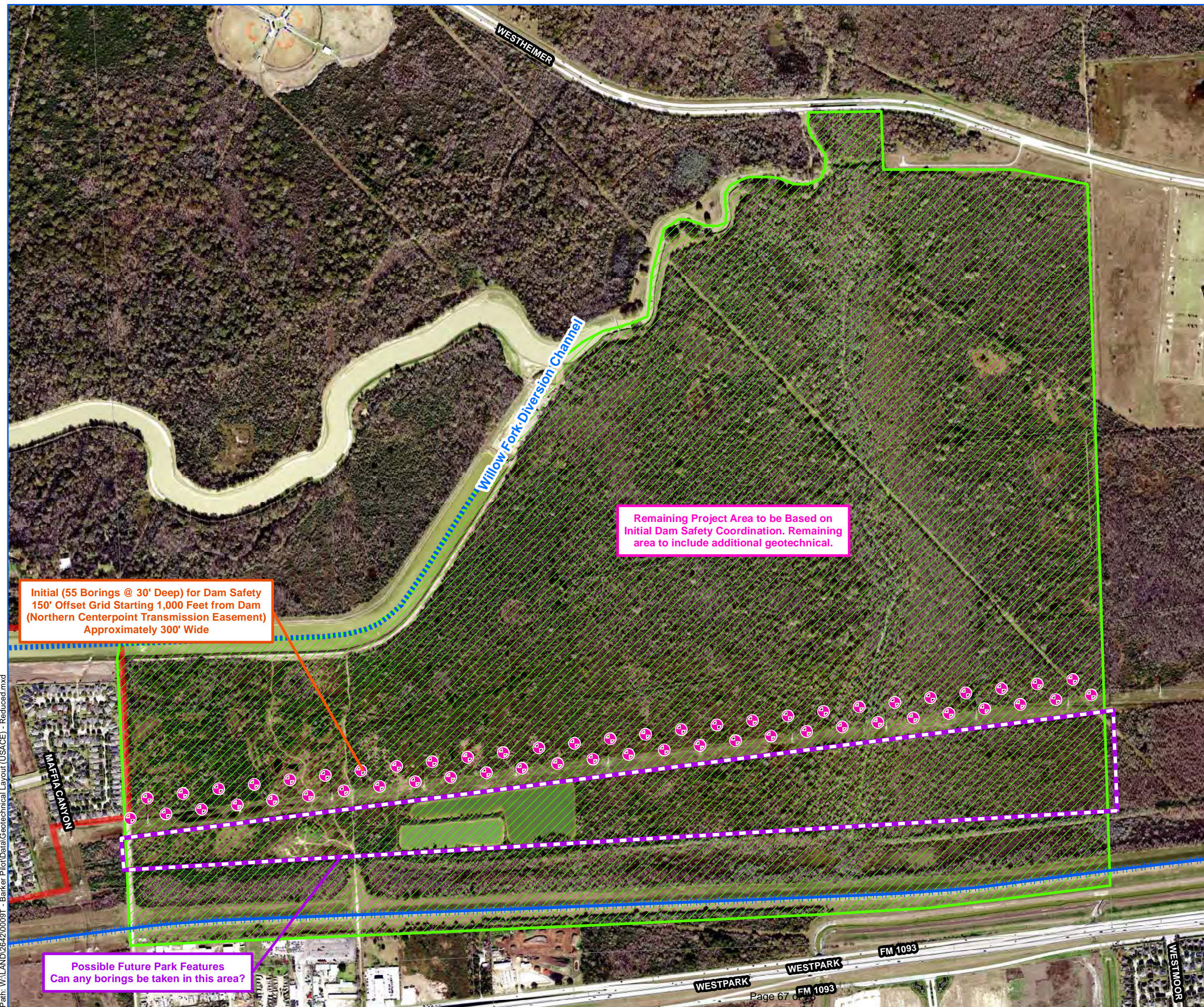


0 400 800 1,600
Feet



THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.

AERIAL PHOTOGRAPH DATE: HGAC 2020



September 2, 2021

Willow Fork Drainage District
c/o Mr. Harry Thompson
Allen Boone Humphries Robinson LLP
3200 Southwest Freeway, Suite 2600
Houston, Texas 77027

Re: Progress Estimate No. 1
Construction of the 2021 VA9 Outfall Replacement Project
For Willow Fork Drainage District
City of Houston E.T.J., Fort Bend County, Texas
LJA Job No. 2642-0001D (11.2)

Dear Directors:

Enclosed for your approval is Progress Estimate No. 1 for the referenced project as submitted by Canyon Construction Company, Inc. Included with the estimate is the Conditional Waiver and Release on Progress Payment.

We have reviewed this estimate with our project representative, and the quantities are in \$124,085.25.

Please call me at 713.953.5276 if you have any questions regarding this estimate.

Sincerely,



Craig W. Kalkomey, P.E., CFM
Senior Project Manager

CWK/cd

Enclosure

Copy: Mr. Sam McCleery, Canyon Construction Company, Inc. (w/ enclosure)
TCEQ Regional Office (Houston) (w/ enclosure)
Mr. Daniel VanCleaf, LJA Engineering, Inc. (w/ enclosure)

PROGRESS ESTIMATE

Project: Construction of the 2021 VA9 Outfall
Replacement Project
Willow Fork Drainage District
City of Houston E.T.J.
Fort Bend County, Texas

LJA Job No. 2642-0001D Estimate No. 1
For Period From 8/2/21 to 8/30/21
Contract Completion Date: 10/31/21
Notice to Proceed Date: 8/2/21
Approved Time Extensions: N/A
Revised Contract Completion Date: N/A

Contract Date: July 26, 2021

TOTAL AMOUNT WORK:

DONE TO DATE: \$ 137,872.50

Original Contract Amount: \$119,205.00

Less Late Start Amount: (\$ 0.00)

Revised Contract Amount: \$ 148,305.00

Less Amount Retained: (\$ 13,787.25)

Final Contract Amount: \$ TBD

Less Previous Payments: (\$ 0.00)

Less Economic Disincentives: (\$ 0.00)

AMOUNT DUE

CONTRACTOR: \$ 124,085.25

Owner: Willow Fork Drainage District

Contractor: Canyon Construction Company, Inc

CERTIFICATE OF THE CONTRACTOR OR HIS DULY AUTHORIZED REPRESENTATIVE

To the best of my knowledge, I certify that all items, quantities and prices of work and materials shown on the face of this estimate are correct; that all work has been performed and materials supplied in full accordance with the terms and conditions of the corresponding construction contractual documents between the Owner and the Contractor, including all changes authorized thereto; that the foregoing is a true and correct statement of the contract amount up to and including the last day of the period covered by this estimate and that no part of the "AMOUNT DUE CONTRACTOR" has been received.

I further certify that all just and lawful bills against the below named Contractor, for labor, material and expendable equipment employed in the performance of said contract have been paid in full accordance with the Contract requirements.

Canyon Construction Company, Inc
Contractor

Signature 

Date 8/30/21

Title President

CERTIFICATE OF ENGINEER'S REPRESENTATIVE

I certify that a qualified project representative was present on the project on a periodic basis to observe construction and that all materials and work included in this statement have been performed in general accordance with the construction plans and specifications and authorized changes thereto. I further certify that I have verified this estimate and that, to the best of my knowledge and belief, it is a true and correct statement of work performed and materials supplied by the Contractor, that the amount due him is correct and just.

PROJECT MANAGER: 

DATE: 09/02/2021

OWNER'S ACCEPTANCE: _____

DATE: _____

CANYON CONSTRUCTION COMPANY, INC.
3307 REDWOOD GROVE ST.
PEARLAND, TX 77581

ESTIMATE NO: 1

DATE: 8/30/2021

ATTN: Craig W. Kalkomey, P.E.

INVOICE NO: 4078

LJA Engineering, Inc.

PROJECT/JOB NO: 2021 VA9 Outfall Replacement Project - Willow Fork Drainage District

CANYON JOB NO: 518

Bid Item Description	Unit	Quantity	Contract This Month	Quantity To Date	Quantity Price	Unit Total
<u>VA9 Outfall Replacement Items</u>						
1. VA9-14E1: Remove & Replace Existing CMP backslope interceptor, Replace w/24" polymer coated CMP (60 Linear Ft)	LS	1.0	0.90	0.90	\$ 20,490.00	\$ 18,441.00
2. VA9-14NE3: Remove & Replace Existing CMP backslope interceptor, Replace w/24" polymer coated CMP (60 Linear Ft)	LS	1.0	0.90	0.90	\$ 18,245.00	\$ 16,420.50
3. VA9-15NE1: Remove & Replace Existing 36" CMP outfall from Channel to upstream MH. Replace with 36" polymer coated CMP (70 Linear Ft)	LS	1.0	1.00	1.00	\$ 21,990.00	\$ 21,990.00
4. VA9-NE2: Remove & Replace Existing 36" CMP outfall from Channel to upstream MH. Replace with 36" polymer coated CMP (70 Linear Ft)	LS	1.0	1.00	1.00	\$ 21,990.00	\$ 21,990.00
5. Remove & Replace Existing CMP Backslope Interceptor, Replace with 24" Polymer Coated CMP (60 Linear Ft)	LS	1.0	0.90	0.90	\$ 18,245.00	\$ 16,420.50
6. VA9-15NE3: Remove & Replace Existing CMP backslope interceptor, Replace w/24" polymer CMP (60 Linear Ft)	LS	1.0	0.90	0.90	\$ 18,245.00	\$ 16,420.50
<u>Change Order #1</u>						
7. Labor & Equipment for add. work to avoid exist. WL	Day	2.0	1.80	1.80	\$ 2,200.00	\$ 3,960.00
8. Backslope Interceptor on 36" outfall and tie-in to existing Storm Manhole Structures	EA	2.0	1.8	1.8	\$ 12,350.00	\$ 22,230.00
					Earned to Date	\$ 137,872.50
					Less 10% Retainage	\$ 13,787.25
					Subtotal	\$ 124,085.25
					Less Previous Billed	0.00
					Total Due This Invoice	\$ 124,085.25

FORM I: CONDITIONAL WAIVER FOR PROGRESS PAYMENTS

CONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

Project: 2021 VA9 Outfall Replacement Project

Job No. 2642-0001D

On receipt by the signer of this document of a check from Willow Fork Drainage District (maker of check) in the sum of \$ 124,085.25 payable to Canyon Construction Company, Inc (payee or payees of check) and when the check has been properly endorsed and has been paid by the bank on which it is drawn, this document becomes effective to release any mechanic's lien right, any right arising from a payment bond that complies with a state or federal statute, any common law payment bond right, any claim for payment, and any rights under any similar ordinance, rule, or statute related to claim or payment rights for persons in the signer's position that the signer has on the property of Willow Fork Drainage District (owner) located at Fort Bend County, Texas (location) to the following extent: 2021 VA9 Outfall Replacement Project (job description).

This release covers a progress payment for all labor, services, equipment, or materials furnished to the property or to Willow Fork Drainage District (person with whom signer contracted) as indicated in the attached statement(s) or progress payment request(s), except for unpaid retention, pending modifications and changes, or other items furnished.

Before any recipient of this document relies on this document, the recipient should verify evidence of payment to the signer.

The Signer warrants that the signer has already paid or will use the funds received from this progress payment to promptly pay in full all of the signer's laborers, subcontractors, materialmen, and suppliers for all work, materials, equipment, or services provided for or to the above referenced project in regard to the attached statement(s) or progress payment request(s).

Canyon Construction Company, Inc
(Company Name)

By: 

(Signature)

Title: PresidentDate: 8/30/21

BID TABULATION FOR:

BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
WILLOW FORK DRAINAGE DISTRICT
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

BIDDER'S NAME	TOTAL AMOUNT BID
1) DIVISION III + CONSTRUCTORS	\$176,725.00
2) COMPACT.TX	\$196,330.00
3) CHAMPIONS HYDRO-LAWN	\$238,369.07
4) AR TURNKEE	\$347,985.00
5) GAEL INC	\$410,519.00
6) TEXAS DEWATERING, LLC	\$505,955.00

CALENDAR DAYS - 45/60



09/07/2021

I, Craig W. Kalkomey, P.E., hereby certify these bid tabulations to be true and correct.

BID TABULATION FOR:**BID OPENING DATE:****BID OPENING LOCATION:****TABULATION BY:****TABULATION DATE:****LJA JOB NO.**

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
 WILLOW FORK DRAINAGE DISTRICT
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 SEPTEMBER 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
 SEPTEMBER 2, 2021
 2642-0002T (9.2)

				1) DIVISION III + CONSTRUCTORS		2) COMPACT.TX		3) CHAMPIONS HYDRO-LAWN	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA1 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,867.60	\$1,867.60
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$50.00	\$6,000.00	\$10.00	\$1,200.00	\$39.00	\$4,680.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$100.00	\$4,000.00	\$222.00	\$8,880.00
4	REMOVE EXISTING CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$1,700.00	\$1,700.00	\$1,080.00	\$1,080.00	\$6,720.00	\$6,720.00
5	INSTALL NEW 5" THICK REINFORCED CONCRETE SLOPE PAVING W/ TOE WALLS, COMPLETE IN PLACE	SF	360	\$12.00	\$4,320.00	\$10.00	\$3,600.00	\$30.00	\$10,800.00
6	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
7	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$2.00	\$200.00	\$5.00	\$500.00
8	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
9	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$10.00	\$400.00	\$87.50	\$3,500.00
10	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	222	\$15.00	\$3,330.00	\$20.00	\$4,440.00	\$45.71	\$10,147.62
11	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	222	\$30.00	\$6,660.00	\$60.00	\$13,320.00	\$22.80	\$5,061.60
CHANNEL VA1 FEMA REIMBURSED ITEMS SUBTOTAL:					\$41,810.00		\$43,240.00		\$59,856.82
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	500	\$25.00	\$12,500.00	\$20.00	\$10,000.00	\$45.71	\$22,855.00
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	500	\$35.00	\$17,500.00	\$60.00	\$30,000.00	\$22.80	\$11,400.00
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$32,500.00		\$42,500.00		\$36,955.00
CHANNEL VA9 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,582.40	\$1,582.40
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$50.00	\$6,000.00	\$10.00	\$1,200.00	\$39.00	\$4,680.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$100.00	\$4,000.00	\$222.00	\$8,880.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00

BID TABULATION FOR:

BID OPENING DATE:

BID OPENING LOCATION:

TABULATION BY:

TABULATION DATE:

LJA JOB NO.

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
WILLOW FORK DRAINAGE DISTRICT
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIVISION III + CONSTRUCTORS		2) COMPACT.TX		3) CHAMPIONS HYDRO-LAWN	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$2.00	\$200.00	\$5.00	\$500.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$10.00	\$400.00	\$87.50	\$3,500.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	103	\$20.00	\$2,060.00	\$20.00	\$2,060.00	\$165.05	\$17,000.15
9	REMOVE AND DISPOSAL OF EXISTING ARTICULATED CONCRETE BLOCK (ACB) AND REPLACE WITH CONCRETE RIP RAP (GRADUATION 1) 18" THICK INCLUDING 36" X 36" TOE WALL AROUND PERIMETER OF RIP RAP AND GEOTEXTILE UNDERNEATH RIP RAP.	SY	125	\$110.00	\$13,750.00	\$150.00	\$18,750.00	\$200.10	\$25,012.50
10	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	103	\$35.00	\$3,605.00	\$60.00	\$6,180.00	\$22.80	\$2,348.40
11	REMOVE AND REPLACE EXISTING 24" CMP WITH NEW POLYMER COATED 24" CMP INCLUDING ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	60	\$100.00	\$6,000.00	\$150.00	\$9,000.00	\$181.11	\$10,866.60
CHANNEL VA9 FEMA REIMBURSED ITEMS SUBTOTAL:					\$51,215.00		\$56,790.00		\$82,070.05
CHANNEL VA12 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,150.00	\$1,150.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$50.00	\$6,000.00	\$10.00	\$1,200.00	\$39.00	\$4,680.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$60.00	\$2,400.00	\$100.00	\$4,000.00	\$222.00	\$8,880.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$3.00	\$300.00	\$2.00	\$200.00	\$5.00	\$500.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$50.00	\$2,000.00	\$10.00	\$400.00	\$87.50	\$3,500.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	65	\$20.00	\$1,300.00	\$20.00	\$1,300.00	\$215.38	\$13,999.70
9	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	65	\$40.00	\$2,600.00	\$60.00	\$3,900.00	\$22.80	\$1,482.00
CHANNEL VA12 FEMA REIMBURSED ITEMS SUBTOTAL:					\$30,100.00		\$26,000.00		\$41,891.70

BID TABULATION FOR:

BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
WILLOW FORK DRAINAGE DISTRICT
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

ITEM	DESCRIPTION	UNIT	QTY	1) DIVISION III + CONSTRUCTORS		2) COMPACT.TX		3) CHAMPIONS HYDRO-LAWN	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,700.00	\$2,700.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	310	\$25.00	\$7,750.00	\$20.00	\$6,200.00	\$25.25	\$7,827.50
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	310	\$35.00	\$10,850.00	\$60.00	\$18,600.00	\$22.80	\$7,068.00
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$21,100.00		\$27,800.00		\$17,595.50
BIDDING SUMMARY									
SUBTOTAL CHANNEL VA1 FEMA REIMBURSED ITEMS					\$41,810.00		\$43,240.00		\$59,856.82
SUBTOTAL CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$32,500.00		\$42,500.00		\$36,955.00
SUBTOTAL CHANNEL VA9 FEMA REIMBURSED ITEMS					\$51,215.00		\$56,790.00		\$82,070.05
SUBTOTAL CHANNEL VA12 FEMA REIMBURSED ITEMS					\$30,100.00		\$26,000.00		\$41,891.70
SUBTOTAL CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$21,100.00		\$27,800.00		\$17,595.50
TOTAL AMOUNT BASE BID					\$176,725.00		\$196,330.00		\$238,369.07

BID TABULATION FOR:

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
WILLOW FORK DRAINAGE DISTRICT
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

BID OPENING DATE:
BID OPENING LOCATION:
TABULATION BY:
TABULATION DATE:
LJA JOB NO.

				4) AR TURNKEE		5) GAEL INC		6) TEXAS DEWATERING, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA1 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$20,574.00	\$20,574.00	\$39,950.00	\$39,950.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$130.00	\$15,600.00	\$65.00	\$7,800.00	\$42.00	\$5,040.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$400.00	\$16,000.00	\$80.50	\$3,220.00
4	REMOVE EXISTING CONCRETE SLOPE PAVING, COMPLETE IN PLACE	EA	1	\$2,000.00	\$2,000.00	\$5,600.00	\$5,600.00	\$19,700.00	\$19,700.00
5	INSTALL NEW 5" THICK REINFORCED CONCRETE SLOPE PAVING W/ TOE WALLS, COMPLETE IN PLACE	SF	360	\$20.00	\$7,200.00	\$21.00	\$7,560.00	\$130.00	\$46,800.00
6	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,980.00	\$1,980.00	\$3,500.00	\$3,500.00
7	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$6.00	\$600.00	\$5.50	\$550.00
8	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$5,800.00	\$5,800.00	\$2,500.00	\$2,500.00
9	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$210.00	\$8,400.00
10	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	222	\$21.00	\$4,662.00	\$70.00	\$15,540.00	\$100.00	\$22,200.00
11	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	222	\$125.00	\$27,750.00	\$75.00	\$16,650.00	\$83.00	\$18,426.00
CHANNEL VA1 FEMA REIMBURSED ITEMS SUBTOTAL:					\$83,012.00		\$104,104.00		\$170,286.00
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$1,800.00	\$1,800.00	\$1,900.00	\$1,900.00	\$3,500.00	\$3,500.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	500	\$21.00	\$10,500.00	\$65.00	\$32,500.00	\$100.00	\$50,000.00
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	500	\$125.00	\$62,500.00	\$70.00	\$35,000.00	\$83.00	\$41,500.00
CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$74,800.00		\$69,400.00		\$95,000.00
CHANNEL VA9 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$18,500.00	\$18,500.00	\$39,950.00	\$39,950.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$130.00	\$15,600.00	\$68.00	\$8,160.00	\$42.00	\$5,040.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$400.00	\$16,000.00	\$80.50	\$3,220.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,980.00	\$1,980.00	\$3,500.00	\$3,500.00

BID TABULATION FOR:

BID OPENING DATE:

BID OPENING LOCATION:

TABULATION BY:

TABULATION DATE:

LJA JOB NO.

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
WILLOW FORK DRAINAGE DISTRICT
CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
SEPTEMBER 2, 2021
LJA ENGINEERING, INC.
D. FORREST
SEPTEMBER 2, 2021
2642-0002T (9.2)

ITEM	DESCRIPTION	UNIT	QTY	4) AR TURNKEE		5) GAEL INC		6) TEXAS DEWATERING, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$6.00	\$600.00	\$5.50	\$550.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$5,800.00	\$5,800.00	\$2,500.00	\$2,500.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$210.00	\$8,400.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	103	\$21.00	\$2,163.00	\$70.00	\$7,210.00	\$100.00	\$10,300.00
9	REMOVE AND DISPOSAL OF EXISTING ARTICULATED CONCRETE BLOCK (ACB) AND REPLACE WITH CONCRETE RIP RAP (GRADUATION 1) 18" THICK INCLUDING 36" X 36" TOE WALL AROUND PERIMETER OF RIP RAP AND GEOTEXTILE UNDERNEATH RIP RAP.	SY	125	\$205.00	\$25,625.00	\$356.00	\$44,500.00	\$55.00	\$6,875.00
10	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	103	\$125.00	\$12,875.00	\$75.00	\$7,725.00	\$83.00	\$8,549.00
11	REMOVE AND REPLACE EXISTING 24" CMP WITH NEW POLYMER COATED 24" CMP INCLUDING ALL BEDDING AND BACKFILL, COMPLETE IN PLACE	LF	60	\$165.00	\$9,900.00	\$175.00	\$10,500.00	\$275.00	\$16,500.00
CHANNEL VA9 FEMA REIMBURSED ITEMS SUBTOTAL:					\$91,963.00		\$126,975.00		\$105,384.00
CHANNEL VA12 FEMA REIMBURSED ITEMS									
1	MOBILIZATION, INCLUDES BONDS, INSURANCE, CONSTRUCTION PERMITS, ETC., COMPLETE IN PLACE	LS	1	\$7,000.00	\$7,000.00	\$13,600.00	\$13,600.00	\$39,950.00	\$39,950.00
2	INSTALLATION, MAINTENANCE & REMOVAL OF COFFER DAM, COMPLETE IN PLACE	SF	120	\$130.00	\$15,600.00	\$68.00	\$8,160.00	\$42.00	\$5,040.00
3	BYPASS PUMPING AS NEEDED AND IN ACCORDANCE WITH SPECIFICATION 02241, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$400.00	\$16,000.00	\$80.50	\$3,220.00
4	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$2,000.00	\$2,000.00	\$1,980.00	\$1,980.00	\$3,500.00	\$3,500.00
5	INSTALLATION AND REMOVAL OF REINFORCED FILTER FABRIC FENCE, SWMHCA SPECIFICATIONS NO. 4311, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	LF	100	\$2.00	\$200.00	\$6.00	\$600.00	\$5.50	\$550.00
6	INSTALLATION, MAINTENANCE, & REMOVAL OF STABILIZED CONSTRUCTION EXIT, SWMHCA SPECIFICATION NO. 4711, AS DIRECTED BY THE ENGINEER, COMPLETE IN PLACE	EA	1	\$600.00	\$600.00	\$5,800.00	\$5,800.00	\$2,500.00	\$2,500.00
7	TEMPORARY TRAFFIC CONTROL FOR SITE PER FORT BEND COUNTY STANDARDS, COMPLETE IN PLACE	HR	40	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$210.00	\$8,400.00
8	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	65	\$25.00	\$1,625.00	\$80.00	\$5,200.00	\$100.00	\$6,500.00
9	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	65	\$125.00	\$8,125.00	\$90.00	\$5,850.00	\$83.00	\$5,395.00
CHANNEL VA12 FEMA REIMBURSED ITEMS SUBTOTAL:					\$51,150.00		\$63,190.00		\$75,055.00

BID TABULATION FOR:

CONSTRUCTION OF THE 2019 HURRICANE HARVEY EROSION REPAIRS ON VA1, VA9, AND VA12
 WILLOW FORK DRAINAGE DISTRICT
 CITY OF HOUSTON E.T.J., FORT BEND COUNTY, TEXAS
 SEPTEMBER 2, 2021
 LJA ENGINEERING, INC.
 D. FORREST
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 2642-0002T (9.2)

BID OPENING DATE:
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LJA JOB NO.

				4) AR TURNKEE		5) GAEL INC		6) TEXAS DEWATERING, LLC	
ITEM	DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS									
1	HYDROMULCH SEED DISTURBED AREAS, COMPLETE IN PLACE	AC	1	\$1,800.00	\$1,800.00	\$1,900.00	\$1,900.00	\$3,500.00	\$3,500.00
2	SITE PREPARATION OF FAILURE PRIOR TO PLACEMENT OF IMPORTED EMBANKMENT FILL, INCLUDING EXCAVATION OF EXISTING SIDE SLOPE, COMPLETE IN PLACE	CY	310	\$21.00	\$6,510.00	\$70.00	\$21,700.00	\$100.00	\$31,000.00
3	IMPORT, PLACE, AND COMPACT FILL MATERIAL, COMPLETE IN PLACE. FILL MATERIAL SHALL CONSIST OF 15-30 P.I. AND 70% OF PARTICLES PASSING THE NO. 200 SIEVE, TO BE USED AS EMBANKMENT FOR CHANNEL REPAIR	CY	310	\$125.00	\$38,750.00	\$75.00	\$23,250.00	\$83.00	\$25,730.00
CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS SUBTOTAL:					\$47,060.00		\$46,850.00		\$60,230.00
BIDDING SUMMARY									
SUBTOTAL CHANNEL VA1 FEMA REIMBURSED ITEMS					\$83,012.00		\$104,104.00		\$170,286.00
SUBTOTAL CHANNEL VA1 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$74,800.00		\$69,400.00		\$95,000.00
SUBTOTAL CHANNEL VA9 FEMA REIMBURSED ITEMS					\$91,963.00		\$126,975.00		\$105,384.00
SUBTOTAL CHANNEL VA12 FEMA REIMBURSED ITEMS					\$51,150.00		\$63,190.00		\$75,055.00
SUBTOTAL CHANNEL VA12 ADDITIONAL REPAIRS (OUTSIDE OF FEMA AREA) ITEMS					\$47,060.00		\$46,850.00		\$60,230.00
TOTAL AMOUNT BASE BID					\$347,985.00		\$410,519.00		\$505,955.00