

MINUTES  
WILLOW FORK DRAINAGE DISTRICT

August 12, 2021

The Board of Directors (the "Board") of Willow Fork Drainage District (the "District") met by regular session, open to the public, on the 12<sup>th</sup> day of August, at the offices of LJA Engineering, Inc., 1904 West Grand Parkway North, Suite 100, Katy Texas 77449, outside the boundaries of the District, and the roll was called of the members of the Board:

Wendy Duncan	President
Dan Smith	Vice President
John Savage	Secretary
Gregg Nady	Assistant Vice President
Joe Robinson	Assistant Secretary

and all the above were present either in person or by telephone, except Director Nady, thus constituting a quorum.

Also attending the meeting were: Esther Flores and Kristy Hebert of Tax Tech, Inc.; David Patterson of Assessments of the Southwest ("ASW"); and Michael Arterburn of Utility Tax Service, LLC; Glen Jarrett of TBG Partners ("TBG"); Robert Miller and Katie May of Inframark Water & Infrastructure Services ("Inframark"); Shea Walker of Champions Hydro-Lawn ("Champions"); Craig Kalkomey of LJA Engineering; Fran Matuska of F. Matuska, Inc.; Yvonne Arceneaux, District Park Manager; and Steve Robinson, Harry H. Thompson and Jane Miller of Allen Boone Humphries Robinson LLP ("ABHR").

COMMENTS FROM DISTRICT RESIDENTS

Director Duncan offered any members of the public attending the meeting the opportunity to make public comment. There being no members of the public wishing to make comments, Director Duncan moved to the next agenda item.

APPROVE MINUTES

The Board reviewed the minutes of the July 8, 2021, regular meeting and minutes for special meetings on July 12, 16, 20 and 26, 2021. Director Robinson moved to defer approval of the minutes presented until the parks meeting. Director Savage seconded the motion, which passed unanimously.

## UPDATE ON COVID 19 MATTERS

Discussion ensued regarding meeting protocol for in person meetings beginning in September 2021. Following review and discussion, Director Smith moved to continue to allow supplemental telephonic access to the meeting for the public and consultants. The motion was seconded by Director Savage and passed unanimously.

## UPDATE ON FEMA CLAIM

Ms. May updated the Board on the total reimbursement received for the Diversion Channel project from the Federal Emergency Management Agency ("FEMA") and the status of projects pending approval for funding.

## MAINTENANCE OF STORM SEWER LINES

Ms. May reported the status of storm line lamping and inspection under the Kelliwood sections for root intrusion and said that all lines were clear from obstructions. Following discussion regarding other possible intrusions and/or damage to storm lines in other locations, Director Smith moved to (1) approve the maintenance report, a copy of which is attached; and (2) authorize Inframark to televise the outfall from Heritage Grand subdivision to the Diversion Channel for an amount not to exceed \$3,000. The motion was seconded by Director Robinson and passed unanimously.

## BOOKKEEPER'S REPORT

Ms. Matuska reviewed the bookkeeper's report and the quarterly investment report, copies of which are attached. After review and discussion, Director Savage moved to approve the bookkeeper's report and payment of the bills. Director Robinson seconded the motion, which passed unanimously.

Ms. Matuska reviewed a draft budget for the fiscal year ending September 30, 2022. No action was taken.

## INTENT TO REIMBURSE

Mr. Thompson reviewed a proposed Resolution Regarding Intent to Reimburse. Following review and discussion, Director Robinson moved to approve the resolution. Director Smith seconded the motion, which passed unanimously.

## TRANSPARENCY REQUIREMENTS PURSUANT TO SECTION 2051.202, TEXAS GOVERNMENT CODE

Mr. Robinson discussed recent legislation enacting Section 2051.202, Texas Government Code, which requires certain special purpose districts to post or cause to be posted additional information on a website maintained by or accessible to the



District. He said the new requirements apply to districts that levy a property tax, are required to prepare an annual audit, and have a population of 500 or more as of the beginning of the most recent fiscal year. The Board reviewed a summary of the new requirements, a copy of which is attached.

The Board discussed the applicability of the new posting requirements to the District and the possibility of expanding the website used by the District for compliance with previously-enacted transparency requirements. Mr. Patterson, Mr. Aterburn and Ms. Flores presented proposals for implementing existing and new transparency requirements, including ensuring that information posted on the website is accurate and current.

After review and discussion, Director Robinson moved to approve the proposed contract from ASW. Director Smith seconded the motion, which passed unanimously.

#### TAX ASSESSOR/COLLECTOR'S REPORT

Ms. Matuska presented the County tax collection report, a copy of which is attached. No action was taken.

#### OPERATOR'S REPORT, INCLUDING AUTHORIZING DITCH MAINTENANCE,

Mr. Walker reviewed the operator's report, a copy of which is attached, and reviewed the status of the ditches and channels, as well as certain trails. Discussion ensued regarding replacement of outfall pipes on Va1a channel, erosion around manholes along the Diversion Channel and ponding on the north side of the large bridge. No action was taken.

#### ENGINEER'S REPORT

Mr. Kalkomey reviewed the engineer's report, a copy of which is attached.

Mr. Kalkomey reported that the contractor is working with Best Trash to resolve repair of an access road to Best Trash's property to close out the District's contract for desilting of the final 8,200 linear feet of the Diversion Channel.

Mr. Kalkomey discussed the status of repairs to the Va9 outfall and recommended that the Board approve Change Order No. 1 to increase the District's contract with Canyon Construction by \$29,700 for additional costs to work around an unanticipated waterline, to install 2 manholes within the channel high bank and to install high density polyethylene ("HDPE") pipe to connect to back yards that back to the channel. The Board determined that the Change Order is beneficial to the District. The Board also considered a separate proposal from Champions in the amount of \$15,700 to regrade backslope swale behind Canyon Construction.

Mr. Kalkomey discussed the status of the District's application for funding to excavate and relocate 4,675,000 cubic yards of material within the Barker Dam and Reservoir. He also discussed plans to present to stakeholder boards. Director Duncan discussed associated press releases and engagement meetings.

Following review and discussion, Director Savage moved to (1) approve the engineering report; and (2) approve Change Order No. 1 in the amount of \$29,700 as an increase to the contract with Canyon Construction, based upon the Board's finding that the Change Order is beneficial to the District and the engineer's recommendation. Director Smith seconded the motion, which passed by unanimous vote. The Board took no action on the proposal presented by Champions.

#### PARK MATTERS

Ms. Arceneaux discussed recent and upcoming Central Green events and the Board reviewed proposals for event insurance in case of cancellation of the Lee Greenwood concert. Following review and discussion, Director Smith moved to bind option no 2 on the proposal. The motion died for lack of a second. Director Robinson then moved to decline coverage but authorize Director Duncan to bind event insurance if a reason for cancellation becomes more apparent closer to the event date and time. Director Smith seconded the motion, which passed unanimously.

#### COMMUNITY COMMUNICATIONS

Director Duncan reviewed a communications report from April Renberg, a copy of which is attached, and discussed updates to the District website.

#### CURRENT EVENTS AND ACTION ITEMS

Director Robinson discussed current events, including an update regarding the 87<sup>th</sup> Regular Texas legislative special session, developments related to the COVID-19 vaccine and a Houston Chronicle report regarding flooding in Harris County.

#### ENGAGEMENT LETTER FOR LITIGATION LEGAL SERVICES

Mr. Robinson reviewed a proposed engagement letter from AL Law Group. Following review and discussion, Director Smith moved to approve the engagement letter. Director Robinson seconded the motion, which passed unanimously.

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

  
Secretary, Board of Directors

(SEAL)



LIST OF ATTACHMENTS TO MINUTES

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## WFDD: Operations Meeting 08/12/2021 - 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	\$ 3,973,214.89
Notes: Approved Time Extension to August 25, 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	\$ 13,927.46
Notes: Approved Time Extension to August 25, 2021												
46734	VA3, VA11, VA14 Repairs	Yes	No	Yes	Yes	Yes	\$ 127,230.00	\$ 114,507.00	\$ 127,230.00	N/A	N/A	\$ 114,507.00
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: Approved Time Extension to August 25, 2021. FEMA Scope 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			\$ 4,796,196.72
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)								
	46734 - VA3, VA11, VA14 Repairs		TDEM	Pay up to 75% of district cost (10% of Project by TDEM)								
	4418 - Diversion Channel - Silt Removal		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)								
		\$ 4,796,196.72										
							\$ 9,542.25	Received Letter July 2021				
							\$ 331,101.24	Received Letter July 2021				
							\$ 43,998.00	Received Letter April 2021				





*Enhancing Our Community  
through Drainage, Parks & Trails*



## Willow Fork Drainage District

Storm Line Maintenance Report - June 2021 / July 2021  
Board Meeting 8-12-2021

Reviewed by

A handwritten signature in blue ink, reading "K May". The signature is written over a horizontal line.

Katie May  
Account Manager

**Willow Fork Drainage District**  
**STORM LINE MAINTENANCE REPORT**  
June 2021



**SOUTH WASTEWATER TREATMENT PLANT**

TCEQ #:

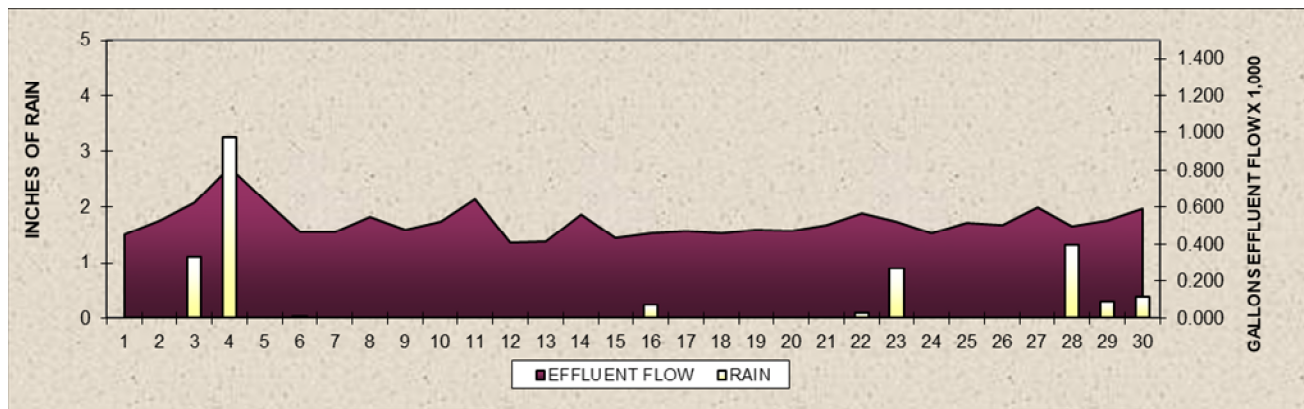
WQ0013172-002

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.91 MGD	0.522	NO
AVERAGE PERMITTED CBOD	10 mg/L	2.100	NO
AVERAGE E.coli	63 cfu	42.60	NO
DAILY E.Coli	200 cfu	2,420	YES
AVERAGE PERMITTED TSS	15 mg/L	1.450	NO
MAXIMUM PERMITTED pH	9 su	7.900	NO
MINIMUM PERMITTED pH	6 su	7.510	NO
AVERAGE AMMONIA (AS N)	3 mg/L	0.301	NO

TOTAL RAINFALL: 7.64 inches

South YTD Rainfall:

31.98



**CENTRAL WASTEWATER TREATMENT PLANT**

TCEQ #:

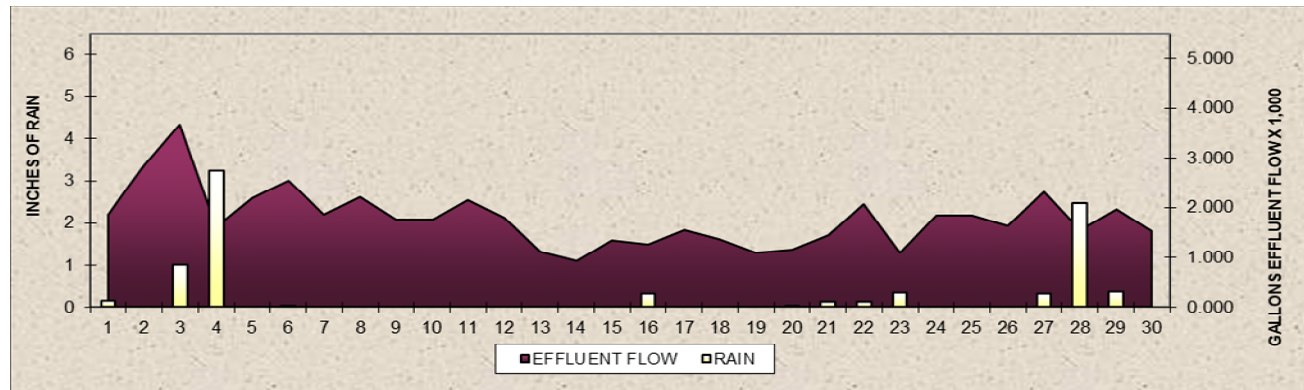
WQ0013558-001

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	3.3 MGD	1.500	NO
AVERAGE PERMITTED CBOD	10 mg/L	2.170	NO
AVERAGE E.coli	63 cfu	1.020	NO
DAILY E.Coli	200 cfu	2.000	NO
AVERAGE PERMITTED TSS	15 mg/L	1.000	NO
MAXIMUM PERMITTED pH	9 su	7.820	NO
MINIMUM PERMITTED pH	6 su	7.600	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.050	NO

TOTAL RAINFALL: 8.53 inches

Central YTD Rainfall:

34.20



# 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	0.171	NO
AVERAGE PERMITTED CBOD	10 mg/L	2.62	NO
AVERAGE E.coli	63	(not required this time)	NO
AVERAGE PERMITTED TSS	15 mg/L	7.74	NO
MAXIMUM PERMITTED pH	9	7.20	NO
MINIMUM PERMITTED pH	6	6.80	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.10	NO

## **HARRIS FORT BEND COUNTY MUD 5 - OPERATED BY MDS**

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.995 MGD	0.504	NO
AVERAGE PERMITTED CBOD	7 mg/L	3.33	NO
AVERAGE E.coli	63	40.00	NO
AVERAGE PERMITTED TSS	15 mg/L	3.98	NO
MAXIMUM PERMITTED pH	9	7.40	NO
MINIMUM PERMITTED pH	6	7.00	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.33	NO

## **GRAND LAKES MUD 4 - OPERATED BY MDS**

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.900 MGD	0.803	NO
AVERAGE PERMITTED CBOD	7 mg/L	2.64	NO
AVERAGE E.coli	63	1.00	NO
AVERAGE PERMITTED TSS	15 mg/L	2.18	NO
MAXIMUM PERMITTED pH	9	7.30	NO
MINIMUM PERMITTED pH	6	7.10	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.12	NO

## **MEMORIAL MUD / CINCO REGIONAL WWTP - OPERATED BY Si Environmental**

	PERMITTED	REPORTED	EXCURSION
AVERAGE PERMITTED FLOW	0.300 MGD	1.233	NO
AVERAGE PERMITTED CBOD	10 mg/L	2.60	NO
AVERAGE E.coli	63 mg/L	1.00	NO
AVERAGE PERMITTED TSS	15 mg/L	2.50	NO
MAXIMUM PERMITTED pH	9 su	7.54	NO
MINIMUM PERMITTED pH	6 su	7.23	NO
AVERAGE AMMONIA AS N mg/L	2 mg/L	0.31	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

Replace inlet top (STM-A-61A Peek Rd @ Highland Knolls Dr)	\$	1,299.50
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Replace broken grate / Reseal inlet walls and outer inlet (STM-037A / Mason Rd)	\$	1,195.77
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Reseal inlet walls (STM-047B / Mason Rd)	\$	1,094.81
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<b>TOTAL AMOUNT INVOICED</b>	<b>\$</b>	<b>24,840.76</b>
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#### Previous Meeting Action Items:

Westheimer Parkway - Survey & Lamping condition of Storm sanitary Lines

\*Root cut in Sept.2018

Estimate: \$950.00

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		06	01	21		TO	06	30

\*\*\* 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	*****	*****		7.85	*****	*****	( 19)	0	Weekly	GRAB
00300 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	*****	6.0 MO MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	SAMP MEAS	*****	*****		7.51	*****	7.90	( 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	<6.18	*****		*****	<1.45	2.21	( 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	<1.25	*****		*****	<0.301	1.24	( 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	0.522	0.813		*****	*****	*****		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	*****	*****		*****	42.6	>2420	(3Z)	5	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	<8.86	*****		*****	<2.10	<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

Five e.coli excursions: 6/5, 6/12, 6/14, 6/15, 6/23



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
<b>PERMIT NO.</b>	<b>DISCHARGE NO.</b>

M - INTERIM  
 DOMESTIC FACILITY-001

		MONITORING PERIOD						
		MO	DAY	YR		MO	DAY	YR
FROM		06	01	21	TO	06	30	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	*****	*****		7.32	*****	*****	( 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	*****	*****		7.60	*****	7.82	( 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	<13.9	*****	( 26)	*****	<1.00	<1.00	( 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	<0.696	*****	( 26)	*****	<0.0500	<0.0500	( 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	0.111	*****	( 26)	*****	0.00824	0.00834	( 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	1.78	3.68	( 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	*****	3820	( 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	1.50	*****	( 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
<b>PERMIT NO.</b>	<b>DISCHARGE NO.</b>

M - INTERIM  
 DOMESTIC FACILITY-001

MONITORING PERIOD							
MO	DAY	YR		MO	DAY	YR	
06	01	21	FROM	06	30	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	<b>SAMP MEAS</b>	*****	*****	(13)	*****	<1.02	2.00	(3Z)	0	Daily	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	<b>PERM REQ</b>	*****	*****	100ML	*****	63 DA GEOAV	200 DA MAX	CFU/ 100ML		DAILY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	<b>SAMP MEAS</b>	<30.2	*****	( 26)	*****	<2.17	2.52	( 19)	0	2/Week	COMPOS
80082 1 0 0 EFFLUENT GROSS VALUE	<b>PERM REQ</b>	275 DAILY AVG	*****	LBS/DY	*****	10 DAILY AVG	25 DAILY MX	MG/L		TWICE / WEEK	COMPOS

## Water Quality Noncompliance Notification

\*See back of Form for Guidance for Completion\*

☐ Unauthorized Discharge

☒ Reportable Effluent Violation

☐ Other

### General Information

Entity Name: Cinco MUD #1 South Plant

Telephone No: (281) 850-1804

☒ Permittee

☐ Subscriber

TCEQ Region: 12

County: FT BEND

\*Permit Number: WQ0013172002

### Noncompliance Summary

**Description of Noncompliance (include location, discharge route, and estimated volume of unauthorized discharge):**

E. Coli Daily Max

Permitted Value: 200 MPN/100 mL

Reported Value: 261 MPN/100 mL on 6/12/21

579 MPN/100 mL on 6/14/21

304 MPN/100 mL on 6/15/21

**Cause of Noncompliance:** Found UV bank C was turning off randomly due to controller issue.

**Duration:** **Start Date and Time:** See Description of Noncompliance

**End Date and Time:**

**Or Date Expected to be Corrected:**

**Potential Danger to Human Health and Safety or the Environment:** n/a

### Actions Taken

**Monitoring Data:** Data should be attached or submitted to TCEQ when available.

☐ Yes ☒ No **Field Measurements**  
☒ Yes ☐ No **Laboratory Samples**  
☐ Yes ☒ No **Fish Kill** If yes, estimated number killed:

**Actions Taken to Mitigate Adverse Effects:** Bypassed controller and put UV Banks A, B & C in manual.

**Actions Taken to Correct the Problem and Prevent Recurrence:** Working with sub-contractor to find out if controller problem is a hardware or software issue.

### Verification Information

**Information Reported By (Name/Title):** Dale Cox / Operations Manager

**Date Reported:** 06/17/2021

**Signature:** 

**Note:** If this form is being used for a 5-day written report, a copy of the form should be sent to the TCEQ Region Office, and the original to: TCEQ, Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087.

\* If the noncompliance is an unauthorized discharge from a wastewater collection system, use the permit number of the treatment plant to which the collection system is tied. If you are uncertain of this permit number, you may call the TCEQ Regional Office for assistance.





## Guidance - Water Quality Noncompliance Notification Form

When reporting an unauthorized discharge or sanitary sewer overflow (SSO), it is important to include all information that is requested on the notification form. If you have questions about the form, do not hesitate to call your TCEQ Regional Office and ask to speak to a wastewater investigator. All information should comply with reporting requirements noted in Texas Water Code Section 26.039, 30 Texas Administrative Code (TAC) Section 305.125(9), and, if applicable, 30 TAC Section 319.302(b).

This form may be used as the 24-hour notification to the Regional Office and may also be used as the 5-day written report. If the event was reported within 24 hours via phone, or an incomplete form was submitted as part of the 24-hour reporting requirement, you must fax or mail a completed, signed copy within 5 days to the Water Section Manager at your TCEQ Regional Office. The original, signed copy should be mailed to the address located at the bottom of the form.

**Unauthorized Discharge** - An unauthorized discharge is any discharge of wastewater into or adjacent to waters in the state at a location not permitted as an outfall. An SSO is any overflow, regardless of volume, from a sewer collection system (i.e., lift stations, manholes, force mains, cleanouts, service lines). An SSO is considered to be an **"unauthorized discharge."**

### General Information

**"Entity name"** is your permitted name (owner name for subscriber systems). Designate with an "X" or "✓" to identify whether you are a permittee or subscriber.

**Permit Number** - Include your TCEQ WQ permit number (i.e., WQ0012345001). If you are a **subscriber**, use the permit number of the treatment plant to which the collection system is tied. If the WQ permit is unknown, please call the TCEQ Regional Office for assistance.

### Noncompliance Summary

#### **Description of Noncompliance:**

- Location & collection system structure (i.e., Manhole at 650 Main St.)
- Route of discharge – Follow the discharge from its origin to where it was contained or entered a receiving waterway. If the receiving waterway is unnamed, provide the name of the nearest named adjoining

waterway. (Examples: soaked into ground; manhole → nearby storm ditch → unnamed tributary of Kings Creek)

- Estimated amount of the discharge (includes any recovered amount)

**Cause of Noncompliance:** Why did this incident occur? Was it caused by grease, blockage, infiltration or inflow, equipment failure, structural failure, power outage, vandalism, human error, contractor, unknown?

**Duration:** Include dates and times.

**Potential Danger to Human Health & Safety or the Environment:** Any danger to the aforementioned should be promptly discussed with the TCEQ Regional Office. Additional notifications may be necessary.

### Actions Taken

**Monitoring Data:** Designate with an "X" or "✓."

#### **Actions taken to Mitigate Adverse Effects:**

Ask yourself, "How did we keep this from becoming an environmental or health problem?" Include information such as:

- amount recovered from the total estimated amount stated under the description above
- method used to recover the wastewater
- treatments used for disinfection or deodorizing
- activities to lessen impact to property, a waterway, or public health

#### **Actions taken to correct the problem and prevent recurrence:**

Ask yourself, "How did we address the direct cause of the overflow, and was there anything else we did to prevent this noncompliance from occurring again?" Include actions such as:

- jetting the main
- educating residents about proper grease disposal
- adding the location to your preventative maintenance list
- repairing equipment, circuits, or replacing lines, etc.

### Verification Information

**Information Reported By:** Include both your name and title. Please sign and date the form.

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 06/01/21 to 06/30/21

DMR Due Date:

07/20/21

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
						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						=	6.5					19 - mg/L	0	07/30 - 7 Times Every Month	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						=	6.8			=	7.2	12 - SU	0	07/30 - 7 Times Every Month	GR - GRAB	
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	11.52			26 - lb/d			=	7.74	=	13.6	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.	<=	38.0 DAILY AV			26 - lb/d			<=	15.0 DAILY AV	<=	60.0 SINGGRAB	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	0.14			26 - lb/d			=	0.1	=	0.1	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.	<=	5.0 DAILY AV			26 - lb/d			<=	2.0 DAILY AV	<=	15.0 SINGGRAB	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.171	=	0.247	03 - MGD								0	99/99 - Continuous	TM - TOTALZ	
					Permit Req.	<=	0.3 DAILY AV		Req Mon DAILY MX	03 - MGD									05/WK - Five Per Week	IN - INSTAN	
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	1.2			=	3.6	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.						>=	1.0 MO MIN			<=	4.0 MO MAX	19 - mg/L		05/WK - Five Per Week	GR - GRAB	
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample										=	1.0	3Z - CFU/100mL	0	01/30 - Monthly	GR - GRAB	
					Permit Req.								<=	63.0 DAILY AV	<=	200.0 SINGGRAB	3Z - CFU/100mL		01/30 - Monthly	GR - GRAB	
					Value NODI									9 - Conditional Monitoring - Not Required This Period							
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	3.72			26 - lb/d			=	2.62	=	3.2	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.	<=	25.0 DAILY AV			26 - lb/d			<=	10.0 DAILY AV	<=	35.0 SINGGRAB	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI																



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 06/01/21 to 06/30/21

DMR Due Date:07/20/21

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						=	6.9					19 - mg/L	0	06/30 - Six Per Month 01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.0 MO MIN					19 - mg/L			GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.0			=	7.4	12 - SU	0	06/30 - Six Per Month 02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	17.39			26 - lb/d			=	3.98	=	6.8	19 - mg/L	0	01/07 - Weekly 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			CP - COMPOS
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	1.38			26 - lb/d			=	0.33	=	0.6	19 - mg/L	0	01/07 - Weekly 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			CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.504	=	0.838	03 - MGD								0	99/99 - Continuous 99/99 - Continuous	TM - TOTALZ
					Permit Req.	<=	0.995 DAILY AV		Req Mon	DAILY MX	03 - MGD									TM - TOTALZ
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	1.32			=	3.9	19 - mg/L	0	01/01 - Daily 01/01 - Daily	GR - GRAB
					Permit Req.						>=	1.0 MO MIN			<=	4.0 MO MAX	19 - mg/L			GR - GRAB
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	40.0	=	50.0	3Z - CFU/100mL	0	02/30 - Twice Per Month 02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	63.0 DAILY AV	<=	200.0 DAILY MX	3Z - CFU/100mL			GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	14.94			26 - lb/d			=	3.33	=	6.1	19 - mg/L	0	01/07 - Weekly 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			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. Two additional dissolved oxygen and pH samples were collected during the monitoring period due to sample date changes.

Attachments

No attachments.

Report Last Saved By

HARRIS-FORT BEND COUNTIES MUD

User:syoung@municipaldistrictservices.com

Name:Susan Young

E-Mail:syoung@mdswater.com

Date/Time:2021-07-16 10:39 (Time Zone: -05:00)

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DMR Copy of Record

Permit

Permit #:  
Major:

TX0099856  
No

Permittee:  
Permittee Address:

GRAND LAKES MUD 4  
1300 POST OAK BLVD, SUITE 1400  
HOUSTON, TX 77056

Facility:  
Facility Location:

GRAND LAKES REGIONAL WWTP  
3800' W/NW FM 1093 AND MASON RD  
FORT BEND COUNTY, TX 77494

Permitted Feature:

001  
External Outfall

Discharge:

001-A  
DOMESTIC FACILITY - 001

Report Dates & Status

Monitoring Period:

From 06/01/21 to 06/30/21

DMR Due Date:

07/20/21

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						=	7.4					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						=	7.1			=	7.3	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	=	20.44			26 - lb/d		=	2.18	=	5.1	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	=	1.0			26 - lb/d		=	0.12	=	0.2	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	=	0.803	=	1.444	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						=	1.15			=	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							=	1.0	=	1.0	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	=	21.28			26 - lb/d		=	2.64	=	3.0	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 1,944 gpm was recorded on June 3, 2021 exceeding the permitted limit of 1,875 gpm. The facility received four inches of rain which caused the exceedance.

Attachments

No attachments.

Report Last Saved By

GRAND LAKES MUD 4

User:  
Name:  
E-Mail:  
Date/Time:

syoun@munipaldistrictservices.com  
Susan Young  
syoun@mdswater.com  
2021-07-16 09:57 (Time Zone: -05:00)

Page 12



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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 06/01/21 to 06/30/21

**Status:** **NetDMR Validated**

**DMR Due Date:** 07/20/21

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.				=6.78			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.				=7.2	Page 13	=7.54	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.	=23.2		26 - lb/d	=2.5	=3.8	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.	=3.04		26 - lb/d	=0.31	=1.01	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.	=1.316	=3.311	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.	=1.233		03 - MGD					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	Smpl.						=0.06	19 - mg/L	0	01/01 - Daily	GR - GRAB
A - Disinfection, Process Complete												
Season: 0		Req.						<0.1 INST MAX	19 - mg/L		01/01 - Daily	GR - GRAB
NODI: -		NODI										
50060	Chlorine, total residual	Smpl.				=1.17			19 - mg/L	0	01/01 - Daily	GR - GRAB
B - Prior to Disinfection												
Season: 0		Req.				>=1.0 MO MIN			19 - mg/L		01/01 - Daily	GR - GRAB
NODI: -		NODI										
51040	E. coli	Smpl.					=1.0	<1.0	3Z - CFU/100mL	0	01/07 - Weekly	GR - GRAB
1 - Effluent Gross												
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]	Smpl.	=25.1		26 - lb/d		=2.6	=5.0	19 - mg/L	0	02/07 - Twice Every Week	CP - COMPOS
1 - Effluent Gross												
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	CP - COMPOS
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
---	--------

**Sanitary Sewer Maintenance and Repairs**

Reseal ring - STM-A-9 / Peek Rd	Apr-21
---------------------------------	--------

**Inspections**

**Grease Trap:** None

**Construction**

None

**Sanitary Sewer Overflows**

None

**Bill Messages**

None


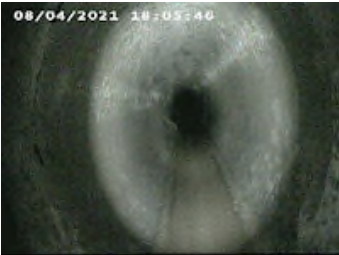













**MS4 Inserts**

None












## Cinco Ranch Main Drag Manhole Surveys with Photos

ID	Num	Location	Type	Comments	Size / Depth	Notes	Photos
1	M.H.-1	Westheimer/McMeans Junior High School	Storm Water		24" / 5-10'		  
2	M.H-2	Westheimer/McMeans Junior High School At Student drop off Entrance	Storm Water		32" / 5-10'		  
3	M.H-3	Westheimer/McMeans Junior High School Exit Only	Storm Water		24" / 5-10'		  
4	M.H-4	Westheimer/ Willow Fork Dr	Storm Water		24" / 5-10'		  

ID	Num	Location	Type	Comments	Size / Depth	Notes	Photos
5	M.H-5	Westheimer/ Tennis Court	Storm Water		24" / 5-10'		  
6	M.H-6	Westheimer/ Before Latrobe Ln	Storm Water		24" / 5-10'		  
7	M.H-7	Westheimer/ Latrobe Ln	Storm Water		24" / 5-10'		  
8	M.H-8	Westheimer	Storm Water		24" / 5-10'		  
9	M.H-9	Westheimer/ Before Canyon Links Dr	Storm Water		24" / 5-10'		  



ID	Num	Location	Type	Comments	Size / Depth	Notes	Photos
10	M.H-10	Westheimer/ Canyon Links Dr	Storm Water		24" / 5-10'		  
11	M.H-11	Westheimer/ Before WP1	Storm Water		24" / 5-10'		  
12	M.H-12	Westheimer/ WP1	Storm Water		24" / 5-10'		  

**WILLOW FORK DRAINAGE DISTRICT**  
SUMMARY OF CASH TRANSACTIONS  
FOR THE PERIOD JULY 1, 2021 - AUGUST 12, 2021  
(Unaudited)

	<b>GENERAL FUND</b>	<b>DEBT SERVICE/TAX FUND</b>
<b>BALANCE, JUNE 30, 2021</b>	<b>\$18,892.98</b>	<b>\$0.00</b>
RECEIPTS	22,409.42	0.00
DISBURSEMENTS	(103,785.31)	(9,574.07)
INVEST PROCEEDS	90,875.00	9,574.07
INVEST PURCHASES	(6,072.55)	0.00
TRANSFERS	0.00	0.00
<b>BALANCE, JULY 31, 2021</b>	<b>22,319.54</b>	<b>0.00</b>
CURRENT MONTH ACTIVITY		
RECEIPTS	15,048.80	0.00
DISBURSEMENTS	(232,680.39)	(5,624.91)
INVEST PROCEEDS	0.00	5,624.91
INVEST PURCHASES	(3,523.18)	0.00
TRANSFERS	0.00	0.00
CURRENT CASH BALANCE	(198,835.23)	0.00
CURRENT INVESTMENTS	7,187,447.88	6,002,666.66
<b>CASH BALANCE, AUGUST 12, 2021</b>	<b>\$6,988,612.65</b>	<b>\$6,002,666.66</b>
<b>DESILTING RESERVE</b>	<b>3,059,375.00</b>	
<b>DUE FROM/(TO) GRAND LAKES</b>	<b>(31,673.92)</b>	





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

Date	Number	Vendor / Customer Name	Description	Receipts	Disbursements
<b><u>GENERAL FUND</u></b>					
7/8/21	8174	WENDY L. DUNCAN	DIR FEES 6/10, AWBD, 2/21-4/21		4,081.09
7/8/21	8175	JOSEPH S. ROBINSON	DIR FEES 6/10		138.52
7/8/21	8176	JOHN SAVAGE	DIR FEES 6/10		138.52
7/8/21	8177	DANIEL W. SMITH	DIR FEES 6/10		63.52
7/8/21	8178	AECOM TECHNICAL SERVICES INC	JUNE 2021		6,810.58
7/8/21	8179	ALLEN BOONE HUMPHRIES ROBINSON	LEGAL THRU 6/18		9,577.27
7/8/21	8180	ESITEFUL	MAY 2021		195.00
7/8/21	8181	F MATUSKA INC	JUNE 2021		1,433.28
7/8/21	8182	INFRAMARK LLC	JUNE 2021		258.23
7/8/21	8183	LJA ENGINEERING	GEN/BARKER/DESILT THRU 5/28		21,856.70
7/8/21	8184	CHRISTOPHER T. BRONSELL	PATROL (16 HRS)		699.30
7/8/21	8185	TANNER J. EDDLEBLUTE	PATROL (8 HRS)		359.44
7/8/21	8186	FERNANDO P. FLORES	PATROL (5 HRS)		214.85
7/8/21	8187	ARAMIS A. GONZALEZ	PATROL (5 HRS)		228.56
7/8/21	8188	BRIAN E. SCHMITT	PATROL, COORDINATOR (20 HRS)		818.26
7/28/21	8189	CHRISTOPHER T. BRONSELL	PATROL (8 HRS)		365.71
7/28/21	8190	TANNER J. EDDLEBLUTE	PATROL (19 HRS)		807.83
7/28/21	8191	FERNANDO P. FLORES	PATROL (4.5 HRS)		194.48
7/28/21	8192	ARAMIS A. GONZALEZ	PATROL (10 HRS)		454.71
7/28/21	8193	BRIAN E. SCHMITT	PATROL (12 HRS)		511.96
6/1/21	J9-17	BBVA INTEREST		0.28	
6/15/21	J9-18	BBVA SC			0.28
6/29/21	R9-2	DEP FEMA VA1/ VA9/ VA12		7,829.61	
7/6/21	J10-1	TSFR MAY MAINT TAX - DRAINAGE		6,072.55	
7/9/21	R10-2	DEP GRAND LAKES SHARE VB		4,683.52	
7/9/21	J10-5	U S TREASURY Q2/2021 P/R W/H			3,702.22
7/22/21	R10-3	DEP US TREAS REF O/P		3,823.46	
7/9/21	WT-10-1-21	TREAS NYC	BARKER EXCAVATION ADMIN FEES		50,875.00
<b>TOTAL - GENERAL FUND</b>				<b>22,409.42</b>	<b>103,785.31</b>
<b><u>DEBT SERVICE/TAX FUND</u></b>					
7/6/21	J10-2	TSFR MAY MAIN TAX - PARK			3,501.52
7/6/21	J10-1	TSFR MAY MAINT TAX - DRAINAGE			6,072.55
<b>TOTAL - DEBT SERVICE/TAX FUND</b>				<b>0.00</b>	<b>9,574.07</b>

**WILLOW FORK DRAINAGE DISTRICT**  
**CASH TRANSACTIONS**  
**FOR THE PERIOD ENDED AUGUST 12, 2021**  
(Unaudited)

Date	Number	Vendor / Customer Name	Description	Receipts	Disbursements
<b><u>GENERAL FUND</u></b>					
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
8/4/21	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
<b>TOTAL - GENERAL FUND</b>				<b>15,048.80</b>	<b>232,680.39</b>
<b><u>DEBT SERVICE/TAX FUND</u></b>					
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
<b>TOTAL - DEBT SERVICE/TAX FUND</b>				<b>0.00</b>	<b>5,624.91</b>

**WILLOW FORK DRAINAGE DISTRICT**  
SUMMARY OF INVESTMENTS  
AUGUST 12, 2021  
(Unaudited)

Bank	Account #	Rate	Purchase Date	Maturity Date	Amount
<b>GENERAL FUND</b>					
TEXPOOL	*00004	0.0189%			6,279,223.44
TEXAS CLASS	*6-0001	0.0615%			908,224.44
<b>TOTAL GENERAL FUND INVESTMENTS</b>					<b><u>\$7,187,447.88</u></b>
<b>DEBT SERVICE/TAX FUND</b>					
TEXPOOL	*00002	0.0189%			5,414,131.74
TEXPOOL (TAX ACCOUNT)	*00006	0.0189%			27,976.43
TEXAS CLASS	*6-0003	0.0615%			560,558.49
<b>TOTAL DEBT SERVICE/TAX FUND INVESTMENTS</b>					<b><u>\$6,002,666.66</u></b>

<b>SCHEDULE OF DEBT SERVICE PAYMENTS</b>						
	<b>PAID</b>					
	1-Mar-21	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 NINE MONTHS ENDED JUNE 30, 2021**  
(Unaudited)

	Current Period Actual	----- Year To Date -----			9/30/2021 FYE ----- Annual -----	
		Actual	Budget	Variance	Budget	Variance
REVENUES						
MAINTENANCE TAX REVENUE	\$ 7,661.11	\$ 2,110,725.29	\$ 2,110,000.00	\$ 725.29	\$ 2,136,390.00	(\$ 25,664.71)
INTEREST EARNED	114.08	2,579.80	30,000.00	(27,420.20)	40,000.00	(37,420.20)
MISCELLANEOUS REVENUE	7,829.61	3,233,912.08	0.00	3,233,912.08	0.00	3,233,912.08
MS4	0.00	0.00	0.00	0.00	43,000.00	(43,000.00)
<b>TOTAL REVENUES</b>	<b>15,604.80</b>	<b>5,347,217.17</b>	<b>2,140,000.00</b>	<b>3,207,217.17</b>	<b>2,219,390.00</b>	<b>3,127,827.17</b>
EXPENDITURES						
DIRECTOR FEES	450.00	8,850.00	14,850.00	(6,000.00)	21,000.00	(12,150.00)
LEGAL-BARKER PILOT PROJECT	2,370.00	27,438.95	0.00	27,438.95	0.00	27,438.95
LEGAL-FEMA	0.00	212.50	0.00	212.50	0.00	212.50
LEGAL FEES-GENERAL	7,207.27	75,834.56	75,000.00	834.56	100,000.00	(24,165.44)
AUDITING FEES	0.00	20,800.00	19,800.00	1,000.00	19,800.00	1,000.00
ENGINEERING FEES-GENERAL	1,257.73	18,359.12	45,000.00	(26,640.88)	60,000.00	(41,640.88)
OPERATOR FEES	258.23	2,282.92	2,250.00	32.92	3,000.00	(717.08)
ELECTION EXPENSES	0.00	8,918.86	10,000.00	(1,081.14)	10,000.00	(1,081.14)
PAYROLL TAXES	505.91	4,823.36	5,250.00	(426.64)	7,000.00	(2,176.64)
BOOKKEEPING FEES	1,300.00	9,860.00	10,500.00	(640.00)	14,000.00	(4,140.00)
BOOKKEEPING-TAX MATTERS	0.00	2,400.00	2,700.00	(300.00)	3,600.00	(1,200.00)
REPAIRS & MAINTENANCE-ROUTINE	25,352.25	498,264.06	558,297.00	(60,032.94)	766,216.00	(267,951.94)
LEGAL NOTICES	0.00	0.00	1,500.00	(1,500.00)	2,000.00	(2,000.00)
PRINTING & OFFICE SUPPLIES	168.08	2,273.24	6,750.00	(4,476.76)	9,000.00	(6,726.76)
INSURANCE	0.00	13,039.00	15,000.00	(1,961.00)	15,000.00	(1,961.00)
TRAVEL & EXPENSES	900.00	1,280.84	7,730.00	(6,449.16)	20,000.00	(18,719.16)
OTHER OFFICE EXPENSES	260.00	12,708.80	28,500.00	(15,791.20)	38,000.00	(25,291.20)
DUES	0.00	1,675.00	5,000.00	(3,325.00)	5,000.00	(3,325.00)
SECURITY SERVICE	6,162.75	54,202.50	52,500.00	1,702.50	70,000.00	(15,797.50)
MS4 IMPLEMENTATION	6,810.58	82,341.70	75,000.00	7,341.70	100,000.00	(17,658.30)
REPAIRS - MAJOR	3,255.96	101,432.77	562,500.00	(461,067.23)	750,000.00	(648,567.23)
REPAIRS - MAJOR-DESILT	0.00	262,863.72	0.00	262,863.72	0.00	262,863.72
ENGINEER - MAJOR-DESILT	0.00	31,231.26	0.00	31,231.26	0.00	31,231.26
TRASH CLEAN UP	4,944.00	39,552.00	44,505.00	(4,953.00)	59,340.00	(19,788.00)
ENGR-BARKER RESERVOIR STUDY	552.48	19,833.36	37,500.00	(17,666.64)	50,000.00	(30,166.64)
<b>TOTAL EXPENDITURES</b>	<b>61,755.24</b>	<b>1,300,478.52</b>	<b>1,580,132.00</b>	<b>(279,653.48)</b>	<b>2,122,956.00</b>	<b>(822,477.48)</b>
<b>EXCESS REVENUES (EXPENDITURES)</b>	<b>(\$ 46,150.44)</b>	<b>\$ 4,046,738.65</b>	<b>\$ 559,868.00</b>	<b>3,486,870.65</b>	<b>\$ 96,434.00</b>	<b>3,950,304.65</b>

**WILLOW FORK DRAINAGE DISTRICT - PARKS**  
CHECK REGISTER - PARKS  
FOR THE PERIOD ENDED AUGUST 12, 2021

Date	Number	Vendor / Customer Name	Description	Receipts	Disbursements
<b><u>GENERAL FUND - PARK</u></b>					
8/12/21	5188	YVONNE J. ARCENEUX	AUG 1-15		2,898.99
8/12/21	5189	KENNETH R. JOHNSON	AUG 1-15		225.11
8/12/21	5190	CRISTEN WIATR	25 HRS		625.00
8/12/21	5191	CONNIE SUE DOOLIN	5 HRS		75.00
8/12/21	5192	CHERI KNIGHT	13.25 HRS		265.00
8/12/21	5193	XAVIER LESZCZYNSKI	12.5 HRS		312.50
8/12/21	5194	PHILIP MURAD	5 HRS		75.00
8/12/21	5195	FREDDIE BAUTISTA	3 HRS		277.05
8/12/21	5196	AMOS TIFASE	10 HRS		323.22
8/12/21	5197	EN-TOUCH SYSTEMS	SERV: 8/1-8/31		56.42
8/12/21	5198	FOUR BLACK DOGS	MOVIE VIEWING 8/21		2,000.00
8/12/21	5199	JADE MOUNTAIN MARTIAL ARTS	TAI CHI JULY 2021		900.00
8/12/21	5200	JUST ENERGY	SERV 7/7-8/5		29.59
8/12/21	5201	MARIA ASHWORTH	STORYTIME 7/19		125.00
8/12/21	5202	PURE BARRE KATY	REPLACE CHECK #5118		450.00
8/12/21	5203	SAMANTHA WALKER-WENDT	YOGA 6/7,6/21,6/23,6/28,6/30		750.00
8/12/21	5204	THOMAS DENNING	AUGUST 2021		2,500.00
8/12/21	5205	TRINA MAXWELL	LAUGHTER YOGA JULY 2021		500.00
<b>TOTAL - GENERAL FUND - PARK</b>				<b><u>0.00</u></b>	<b><u>12,387.88</u></b>



**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)	2,110,860	5,000	5,000	50,000	200,000	700,000	600,000	300,000	200,000	30,000	15,000	4,000	1,860
Interest Earned	5,000	415	415	420	415	415	420	415	415	420	415	415	420
MS4	40,850												40,850
TOTAL REVENUE	2,156,710	5,415	5,415	50,420	200,415	700,415	600,420	300,415	200,415	30,420	15,415	4,415	43,130
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
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
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
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	2,123,077	334,238	184,614	133,585	132,235	131,515	211,807	136,075	175,051	141,885	221,984	186,001	134,085
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
EXCESS (EXPENDITURES)	33,633	(328,823)	(179,199)	(83,165)	68,180	568,900	388,613	164,340	25,364	(111,465)	(206,569)	(181,586)	(90,955)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
DESILTING RESERVE(9/30/22 FYE)	0												
DESILTING RESERVE @ 9/30/21 FYE	(3,000,000)												
EMERGENCY RESERVE	(3,790,233)												
PROJECTED FUND BALANCE 10/1/21	6,756,600												
=====	=====												
EXCESS SOURCES (USES)	\$0												
=====	=====												

(1) 2020 Certified Value 4,264,358,006 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

DRAFT

**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

**DRAFT**

# SUMMARY MONTHLY REPORT OF PROPERTY TAXES

COLLECTED BY CARMEN P. TURNER, MPA, TAX ASSESSOR-COLLECTOR OF FT. BEND COUNTY, TEXAS DURING THE MONTH OF JUNE 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 JUNE 2021, SHOWING THE TOTAL COLLECTIONS AS FOLLOWS, VIZ:

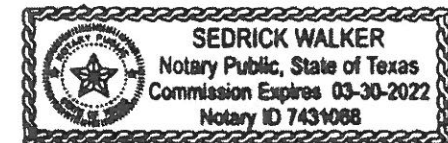
	CURRENT PAYMENTS	CURRENT P & I	DELINQUENT PAYMENTS	DELINQUENT P&I	RENDITION PENALTY	REN PEN DISTRIB	TAX COLLECTION TOTAL	JURIS COMM	JURIS DEPOSITS	DISBURSED TOTAL	TAX COLLECTION YTD TOTAL
STATE	-	-	-	-	-	-	-	-	-	-	0.00
COUNTY	618,797.03	132,118.41	(13,236.40)	63,824.40	(195.37)	-	801,308.07	-	-	801,308.07	326,395,090.93
DRAINAGE	24,646.70	5,256.64	(36.12)	2,399.56	(7.37)	-	32,259.41	322.59	-	31,936.82	12,863,564.65
LR & FC	-	-	0.57	-	-	-	0.57	-	-	0.57	17.47
W C JR COLL	15,943.99	1,995.87	1,591.75	685.75	(0.30)	-	20,217.06	-	-	20,217.06	1,798,291.91
FEES-ATTORNEY	142,312.15	-	219,074.25	-	-	-	361,386.40	-	-	361,386.40	2,245,802.11
FB PKW	-	-	-	-	-	-	-	-	-	-	0.42
KATY ISD	400,238.69	77,888.51	2,918.43	17,348.83	(82.80)	-	498,311.66	-	-	498,311.66	259,119,954.79
ENCLAVE @ RIVER PARK PID	1,260.00	84.00	-	-	-	-	1,344.00	-	-	1,344.00	76,395.33
LAMAR CISD	756,057.92	108,826.92	55,609.78	33,880.49	(71.29)	-	954,303.82	-	-	954,303.82	237,510,926.20
KENDLETON ISD	-	-	-	-	-	-	-	-	-	-	1,580.02
FORT BEND ESD #4	22,135.34	2,829.40	3,295.27	702.96	(2.23)	-	28,960.74	-	-	28,960.74	9,224,803.90
FORT BEND ESD #3	1,368.73	171.26	264.52	107.08	(0.34)	-	1,911.25	-	-	1,911.25	168,700.75
FULSHEAR	8,918.10	1,603.39	2,133.69	889.45	(3.35)	-	13,541.28	-	-	13,541.28	4,391,715.33
RICHMOND	23,739.14	2,560.18	24,000.66	4,451.27	(0.62)	-	54,750.63	-	-	54,750.63	3,956,145.35
FBISD	1,355,397.49	200,377.21	235,444.88	151,661.34	(273.82)	-	1,942,607.10	-	-	1,942,607.10	539,259,131.61
FBISD INACTIVE & CED INAC	-	-	-	-	-	-	-	-	-	-	0.00
FORT BEND MUD #46	20,304.91	2,474.44	(1,165.46)	80.25	-	-	21,694.14	-	-	21,694.14	2,658,755.04
UNL RDS	-	-	-	-	-	-	-	-	-	-	0.00
BEASLEY	1,042.46	91.45	208.04	60.34	-	-	1,402.29	-	-	1,402.29	134,871.40
ROSENBERG	1,499.09	6,186.25	(6,935.64)	1,599.36	(1.82)	-	2,347.24	-	-	2,347.24	11,422,120.38
ARCOLA	9,705.87	1,353.08	6,618.54	2,835.51	(1.87)	-	20,511.13	-	-	20,511.13	955,078.28
ORCHARD	1,529.51	215.66	-	-	-	-	1,745.17	-	-	1,745.17	87,812.58
KENDLETON	3,292.83	439.26	303.56	287.19	(0.13)	-	4,322.71	-	-	4,322.71	211,285.46
HARRIS FT BD ESD #100	(5,584.65)	1,093.42	(3,602.68)	189.27	(0.81)	-	(7,905.45)	-	10,549.50	2,644.05	3,895,089.88
MEADOWS PLACE	11,152.75	705.27	145.31	148.90	(3.34)	-	12,148.89	-	-	12,148.89	3,190,242.95
NEEDVILLE	4,651.29	537.73	663.94	233.84	(2.64)	-	6,084.16	-	-	6,084.16	778,624.76
SIMONTON	1,900.56	183.53	190.84	83.07	-	-	2,358.00	-	-	2,358.00	176,356.21
FT BD WATER SUPPLY#1	57,418.59	7,700.89	17,323.92	7,433.68	-	-	89,877.08	-	-	89,877.08	4,186,369.85
FT BD E S D #1	(1,089.53)	-	13.31	3.32	-	-	(1,072.90)	-	-	(1,072.90)	388,844.97
FT BD W C I D #2	6,677.11	3,438.29	5,257.60	1,770.11	(16.74)	-	17,126.37	-	-	17,126.37	9,631,102.68
H C C - STAFFORD	2,185.97	1,257.48	1,649.51	652.09	10.99	-	5,756.04	-	-	5,756.04	3,142,930.43
STAFFORD MSD	32,366.12	15,290.74	22,194.58	8,197.94	135.17	-	78,184.55	-	-	78,184.55	34,779,372.61
CITY OF STAFFORD	-	-	12.58	36.45	-	-	49.03	0.49	-	48.54	49.03
NEEDVILLE ISD & CED	140,839.14	18,910.70	16,672.20	8,070.54	(11.59)	-	184,480.99	-	-	184,480.99	16,723,407.02
FT BD E S D #2	16,564.37	2,444.28	(2,687.81)	371.05	(1.71)	-	16,690.18	-	-	16,690.18	7,208,902.69
ESD #5	11,385.64	2,086.46	10,422.88	3,987.83	(2.01)	-	27,880.80	-	-	27,880.80	5,328,264.63
FT BD M U D # 134-C	27,748.39	2,454.60	10,440.30	2,501.09	(11.42)	-	43,132.96	-	-	43,132.96	10,483,625.80
FT BD M U D #41	2,503.07	316.08	3,704.18	1,645.11	-	-	8,168.44	-	-	8,168.44	1,427,102.18
WILLOWFORK DRAINAGE	11,160.15	2,105.57	1,555.53	648.13	(9.57)	-	15,459.81	-	-	15,459.81	7,870,863.76
CINCO M U D #9	4,099.95	449.23	-	-	-	-	4,549.18	-	-	4,549.18	1,516,956.31
CITY OF MISSOURI CITY	328,272.68	23,748.21	16,235.13	9,917.20	(68.76)	-	378,104.46	-	-	378,104.46	45,303,180.32
H C C - MISSOURI CITY	17,843.79	3,087.04	(1,773.55)	1,098.39	(10.89)	-	20,244.78	-	-	20,244.78	6,160,332.96
FBC FRESH WATER #2	14,759.89	2,454.48	56,114.44	17,814.09	(2.11)	-	91,140.79	-	-	91,140.79	1,049,902.23
CINCO MUD #2	5,976.34	328.16	1,458.06	427.22	(1.40)	-	8,188.38	-	-	8,188.38	2,118,307.54
CINCO MUD #5	(6,720.87)	12.60	(379.91)	13.56	-	-	(7,074.62)	-	10,217.21	3,142.59	906,135.93
CINCO MUD #7	8,368.39	984.51	(468.90)	-	(0.52)	-	8,883.48	-	-	8,883.48	1,893,178.01
PID#2 ASSESSMENT	377.64	5.90	-	-	-	-	383.54	-	-	383.54	737,679.80
PID#4 ASSESSMENT	0.06	0.01	-	-	-	-	0.07	-	-	0.07	398,563.43
CITY OF SUGAR LAND	84,666.42	16,085.38	(30,097.73)	3,284.54	(31.99)	-	73,906.62	-	11,981.29	85,887.91	54,508,568.15

FORT BEND MUD #1	-	-	-	-	-	-	-	-	-	-	-	0.00
ELDRIDGE ROAD MUD	-	-	-	-	-	-	-	-	-	-	-	0.00
FORT BEND MUD #134B	39,638.04	4,213.82	1,379.88	456.23	-	-	45,687.97	-	-	45,687.97	10,330,822.85	
FORT BEND MUD #162	5,187.35	760.27	74.94	18.74	-	-	6,041.30	-	-	6,041.30	1,832,219.10	
FORT BEND MUD #155	8,817.85	516.78	612.09	185.94	-	-	10,132.66	-	-	10,132.66	3,791,208.57	
RENDITION PENALTY (INC SI	-	-	-	-	-	674.55	674.55	-	-	674.55	20,638.11	
FIRST COLONY LID #2	1,082.78	2.71	(75.74)	-	-	-	1,009.75	-	-	1,009.75	1,035,084.94	
NSF CK CHGES & TAX CERTII	1,360.00	-	300.00	-	-	-	1,660.00	-	-	1,660.00	34,129.60	
CITY OF KATY	29,519.03	4,149.50	18,581.78	5,597.89	(3.09)	-	57,845.11	-	-	57,845.11	11,233,033.32	
FORT BEND ESD #6	3,757.75	412.24	260.34	80.50	(0.05)	-	4,510.78	-	-	4,510.78	564,549.38	
FORT BEND ESD #8	3,539.94	452.88	1,071.78	326.79	(0.02)	-	5,391.37	-	-	5,391.37	324,731.10	
FORT BEND LID #14	828.46	3.83	(315.00)	-	-	-	517.29	-	-	517.29	701,326.11	
FORT BEND LID #12	(955.49)	432.69	(1,148.33)	91.89	(0.02)	-	(1,579.26)	-	-	(1,579.26)	1,866,061.86	
FORT BEND ESD #7	15,462.05	1,994.39	3,447.38	1,088.77	(0.72)	-	21,991.87	-	-	21,991.87	2,142,847.09	
DEFINED AREA #1	-	-	-	-	-	-	-	-	-	-	886,541.16	
FORT BEND MUD #67	-	-	-	-	-	-	-	-	-	-	(128.23)	
FORT BEND MUD #68	-	-	-	-	-	-	-	-	-	-	0.00	
FORT BEND MUD #69	-	-	-	-	-	-	-	-	-	-	0.00	
FORT BEND MUD #112	-	-	-	-	-	-	-	-	-	-	0.00	
FORT BEND MUD #111	-	-	-	-	-	-	-	-	-	-	0.00	
FORT BEND MUD #108	-	-	-	-	-	-	-	-	-	-	1.48	
FORT BEND MUD #109	-	-	-	-	-	-	-	-	-	-	(42.00)	
FORT BEND MUD #106	-	-	-	-	-	-	-	-	-	-	46.62	
FORT BEND MUD #117	-	-	-	-	-	-	-	-	-	-	0.00	
FORT BEND LID #15	24,017.18	2,735.90	5,054.49	1,487.29	-	-	33,294.86	-	-	33,294.86	10,343,721.27	
FORT BEND LID #19	1,184.51	(113.36)	(204.00)	-	-	-	867.15	-	-	867.15	4,224,391.74	
FORT BEND MUD #129	1,299.58	(116.20)	(64.00)	-	-	-	1,119.38	-	-	1,119.38	2,072,420.28	
TOTAL	4,320,452.24	665,597.94	684,109.66	358,675.24	(674.55)	674.55	6,028,835.08	323.08	32,748.00	6,061,260.00	1,687,690,196.08	

TAX ASSESSOR-COLLECTOR, FORT BEND COUNTY, TEXAS

SUBSCRIBED AND SWORN BEFORE ME, THIS 6<sup>th</sup> DAY OF JULY, 21 BY CARMEN P. TURNER

Sedrick Walker  
NOTARY PUBLIC, STATE OF TEXAS



I, ROBERT E. STURDIVANT, COUNTY AUDITOR OF FORT BEND COUNTY, DO HEREBY CERTIFY THAT I HAVE CAREFULLY EXAMINED THE ABOVE MENTIONED MONTHLY REPORT OF TAXES COLLECTED BY CARMEN P. TURNER, TAX ASSESSOR-COLLECTOR OF SAID COUNTY, AND HAVE COMPARED SAID REPORT WITH STUBS FILED IN THIS OFFICE AND FIND THE SAME CORRECT.

Robert E. Sturdivant COUNTY AUDITOR, FORT BEND COUNTY, TEXAS

dr 7/9/21

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

DATE	BEGINNING BALANCE	CURRENT PAYMENTS	PREVIOUS YR PAYMENTS			CURRENT LEVY ADJ.	PREVIOUS YR LEVY ADJ.	2020 TAXES	TOTAL
06/01/2021	141,498.32	(2,630.12)							138,868.20
06/02/2021	138,868.20	(3,275.16)	(11.44)						135,581.60
06/03/2021	135,581.60	(3,490.40)	111.52						132,044.12
06/04/2021	132,044.12	(233.83)					(158.60)		131,810.29
06/07/2021	131,810.29	10,187.78	(20.06)			(11,723.00)			130,255.01
06/08/2021	130,255.01	81.66	420.62						130,757.29
06/09/2021	130,757.29	(186.44)	99.12			(111.00)	(111.00)		130,447.97
06/10/2021	130,447.97	(1,152.56)	(76.60)						129,218.81
06/11/2021	129,218.81	(275.55)							128,943.26
06/14/2021	128,943.26	(1,288.53)	(420.62)						127,234.11
06/15/2021	127,234.11	(1,393.78)							125,840.33
06/16/2021	125,840.33	(558.88)							125,281.45
06/17/2021	125,281.45	(123.11)	(154.55)						125,003.79
06/18/2021	125,003.79	(1,293.71)	(1,081.36)						122,628.72
06/21/2021	122,628.72	(79.61)							120,372.40
06/22/2021	120,372.40	(1,149.77)					(2,176.71)		119,222.63
06/23/2021	119,222.63	(1,194.22)	(507.63)						117,520.78
06/24/2021	117,520.78								117,520.78
06/25/2021	117,520.78	(85.73)							117,435.05
06/28/2021	117,435.05	(542.98)	(25.53)						116,874.98
06/29/2021	116,874.98	(2,319.50)	111.00				8.44		114,555.48
06/30/2021	114,555.48	(155.71)					(111.00)		114,399.77
<b>TOTAL</b>		(11,160.15)	(1,555.53)	0.00	0.00	(11,834.00)	(2,548.87) 0.00	0.00	



06/30/2021 22:17:07 3779940  
 TC298-D SELECTION: DEPOSIT  
 RECEIPT DATE: ALL  
 LOCATION: ALL

TAX COLLECTION SYSTEM  
 DEPOSIT DISTRIBUTION  
 FROM: 06/01/2021 THRU 06/30/2021  
 JURISDICTION: 0059 WILLOWFORK DRAINAGE

PAGE: 43  
 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	4,826.02	.00	910.49	.00	5,736.51	144.81	.00	.00	5,881.32
	I & S	.105000	6,334.13	.00	1,195.08	.00	7,529.21	.00	.00	.00	7,529.21
	TOTAL	.185000	11,160.15	.00	2,105.57	.00	13,265.72	144.81	.00	.00	13,410.53
2019	M & O	.095000	764.36	.00	317.56	.00	1,081.92	401.97	.00	.00	1,483.89
	I & S	.090000	724.15	.00	300.85	.00	1,025.00	.00	.00	.00	1,025.00
	TOTAL	.185000	1,488.51	.00	618.41	.00	2,106.92	401.97	.00	.00	2,508.89
2018	M & O	.100000	19.34	.00	7.28	.00	26.62	4.44	.00	.00	31.06
	I & S	.085000	16.45	.00	6.19	.00	22.64	.00	.00	.00	22.64
	TOTAL	.185000	35.79	.00	13.47	.00	49.26	4.44	.00	.00	53.70
2017	M & O	.090000	15.19	.00	7.90	.00	23.09	9.50	.00	.00	32.59
	I & S	.095000	16.04	.00	8.35	.00	24.39	.00	.00	.00	24.39
	TOTAL	.185000	31.23	.00	16.25	.00	47.48	9.50	.00	.00	56.98
ALL	M & O		5,624.91	.00	1,243.23	.00	6,868.14	560.72	.00	.00	7,428.86
ALL	I & S		7,090.77	.00	1,510.47	.00	8,601.24	.00	.00	.00	8,601.24
ALL	TOTAL		12,715.68	.00	2,753.70	.00	15,469.38	560.72	.00	.00	16,030.10
DLQ	M & O		798.89	.00	332.74	.00	1,131.63	415.91	.00	.00	1,547.54
DLQ	I & S		756.64	.00	315.39	.00	1,072.03	.00	.00	.00	1,072.03
DLQ	TOTAL		1,555.53	.00	648.13	.00	2,203.66	415.91	.00	.00	2,619.57
CURR	M & O		4,826.02	.00	910.49	.00	5,736.51	144.81	.00	.00	5,881.32
CURR	I & S		6,334.13	.00	1,195.08	.00	7,529.21	.00	.00	.00	7,529.21
CURR	TOTAL		11,160.15	.00	2,105.57	.00	13,265.72	144.81	.00	.00	13,410.53

## FORT BEND COUNTY

Rendition Commission Distribution Detail  
from 06/01/2021 to 06/30/2021

Date: 07/02/2021 10:49:10

County Code: 79

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
9960102140007914	2020	CC210601	30.45	2.77	3.96	0.00	0.14	34.27
9960022080083914	2020	CC210603	0.41	0.04	0.05	0.00	0.00	0.46
9960032180061914	2020	J210610BW2	88.06	8.01	11.45	0.00	0.40	99.11
9960032090101914	2020	CC210617	122.72	11.16	18.41	0.00	0.56	140.57
9960052180059914	2020	O210618N1	17.30	1.57	2.60	0.00	0.08	19.82
9960152190005914	2020	CC210618	12.21	1.11	1.83	0.00	0.06	13.98
9960162150063914	2020	CC210618	70.63	6.42	10.59	0.00	0.32	80.90
9960192170219914	2020	EK210618	8.33	0.76	1.25	0.00	0.04	9.54
9960232140012914	2020	EK210618	839.48	76.32	125.92	0.00	3.82	961.58
9960132170171914	2020	CC210625	3.11	0.28	0.47	0.00	0.01	3.57
9960082190099914	2020	CC210628	52.36	4.76	7.85	0.00	0.24	59.97
Total for 2020			1,245.06	113.20	184.38	0.00	5.67	1,423.77
Account No.	Year	Deposit	Levy Collected	Rendition Penalty	P & I Collected	Rendition P & I	Appraisal Commission	Disbursement Amount
9960052180059914	2019	O210618N1	17.30	1.57	5.02	0.00	0.08	22.24
9960232140012914	2019	EK210618	839.48	76.32	243.45	0.00	3.82	1,079.11
Total for 2019			856.78	77.89	248.47	0.00	3.90	1,101.35
Total for Tax Unit 59 WILLOWFORK DRAINAGE			2,101.84	191.09	432.85	0.00	9.57	2,525.12

06/30/2021 22:42:5 TC168 3779941

TAX COLLECTION SYSTEM  
TAX COLLECTOR MONTHLY REPORT  
FROM 06/01/2021 TO 06/30/2021

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	2,984,869	4,264,358,006	00.185000	7,891,221.90	14,379
	-----	-----	-----	-----	-----	-----

YEAR	TAXES DUE	MONTH ADJ	ADJUSTMENT YTD	LEVY PAID	PAID YTD	BALANCE	COLL %	YTD UNCOLL
	-----	-----	-----	-----	-----	-----	-----	-----
2020	7,883,616.02	11,834.00-	7,605.88	11,160.15	7,830,153.32	61,068.58	99.23	0.00
2019	30,199.01	380.60-	9,135.15-	1,488.51	5,480.34	15,583.52	26.02	58.83-
2018	7,607.80	.00	1,307.93-	35.79	43.66-	6,343.53	.69-	0.00
2017	5,139.30	.00	9.23	31.23	49.88	5,098.65	.97	0.00
2016	5,604.93	8.44	17.66	0.00	9.52	5,613.07	.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	1,415.61-	1,415.61-	0.00	0.00	1,572.32		0.00
2009	1,295.61	279.24-	279.24-	0.00	0.00	1,016.37		0.00
2008	862.57	235.72-	235.72-	0.00	0.00	626.85		0.00
2007	861.94	246.14-	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	14,382.87-	5,000.89-	12,715.68	7,835,637.76	114,399.77		58.83-

Run Date: 07/02/2021 10:50:21  
Request Seq: 3782097

**FORT BEND COUNTY  
PERCENTAGE OF LEVY COLLECTED**

collection\_percent.rdf v1.4  
Page 58 of 141

Tax Units : ALL  
From 10/01/2013 To 06/30/2021

**59 -WILLOWFORK DRAINAGE**

<b>Tax Year</b>	<b>Taxes Due</b>	<b>Adjustments</b>	<b>Levy Paid</b>	<b>Balance</b>	<b>% Collected</b>
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	379,407.27	7,757,406.37	5,613.07	99.93%
2017	7,653,153.26	-99,754.05	7,548,300.56	5,098.65	99.93%
2018	7,205,697.88	32,145.41	7,231,499.76	6,343.53	99.91%
2019	7,750,676.87	14,879.74	7,749,973.09	15,583.52	99.80%
2020	7,883,616.02	7,605.88	7,830,153.32	61,068.58	99.23%



Willow Fork Drainage District

Detention and Drainage Facilities Report

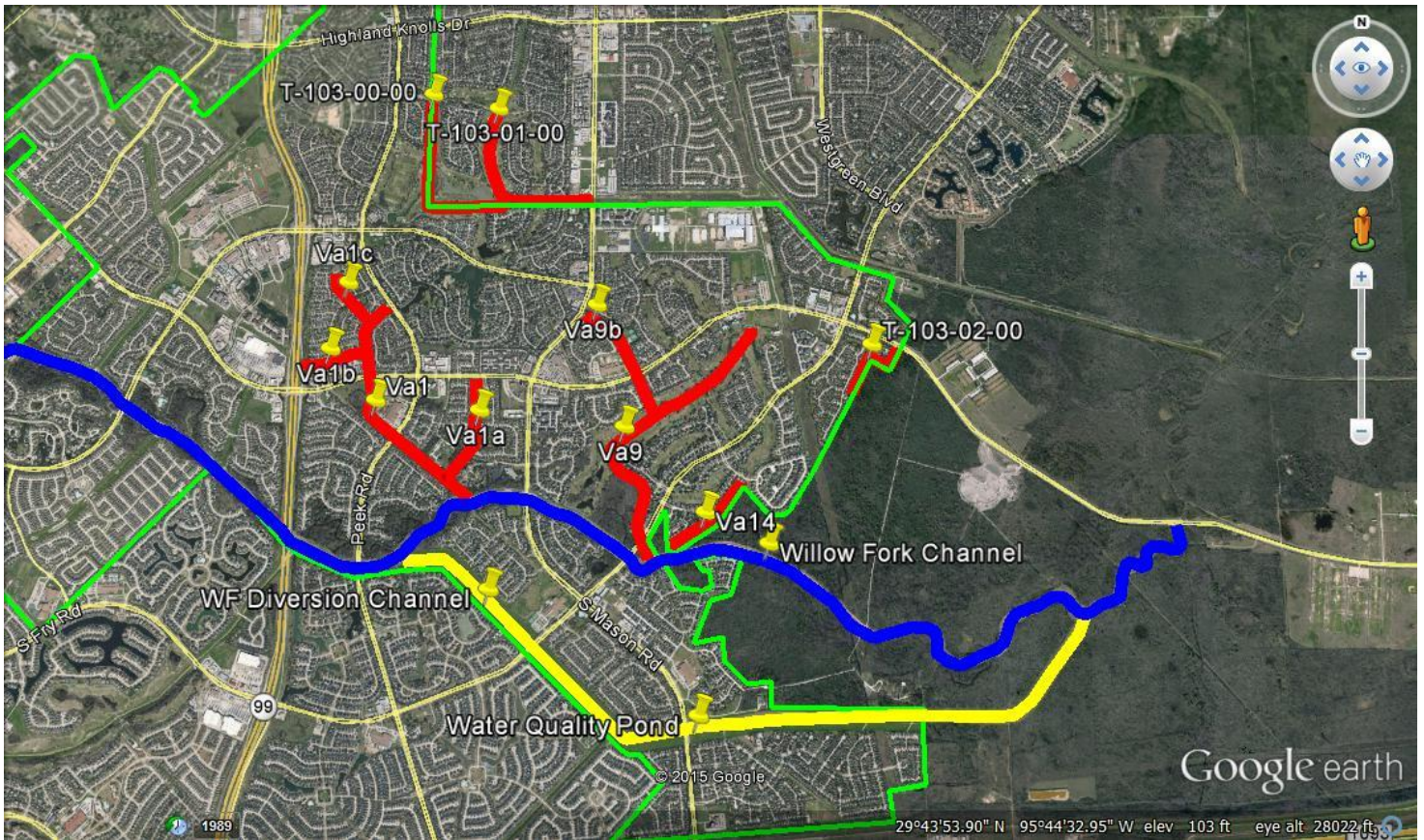
August 12, 2021



13226 Kaltenbrun ~ Houston, Texas 77086 ~ Phone: 281-445-2614 ~ Fax: 281-445-2349  
Account Representative: Jerry Schroeder ~ Cell: (713) 703-3516  
Email: [jschroeder@champhydro.com](mailto:jschroeder@champhydro.com)



## I. Facilities East of Grand Pkwy:



- Va9 Storm Outfalls: (2) Condition Poor / Repairs **needed Va9-15NE2 / Va9-15NE1 pg. 9** *\*Awarded to Canyon Construction 5-26-2021- See proposal to regrade 2200 LF of backslope swale after Canyon Construction finishes*
- Va9b Erosion Repairs **FEMA** – Bid package out for Sept 2021 Drainage Meeting. Pg. 12
- Va1 Erosion Repairs **FEMA** - Bid package out for Sept 2021 Drainage Meeting. Pg.4
- Va12 Erosion Repairs **FEMA** - Bid package out for Sept 2021 Drainage Meeting.
- Diversion Channel Erosion south of Fry Rd / Grand Lakes side – Recommend LJA design / bid repairs. Pg. 17-18
- Va1a Outfalls / Interceptors – Time for pipes to be replaced in entire section. Recommend LJA put bid package together for repairs like Va9 – Pg. 5 and 6
- T-103-02-00 Desilt by HCFC. Pg. 20-21



Va1







Slide top / FEMA bottom





## Vala / Time for new pipes









## Va1b





## Valc



Segment U added to budget





Va9



Canyon Construction













Va9b



FEMA

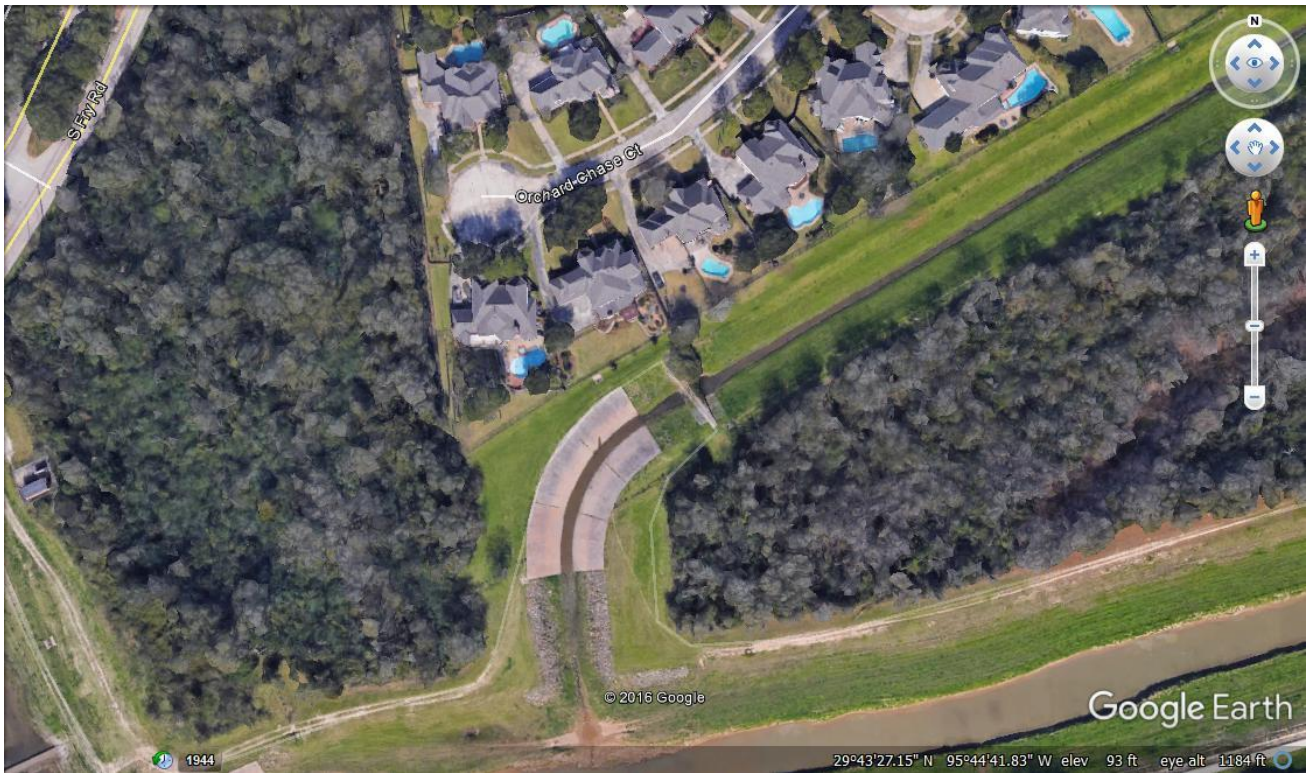




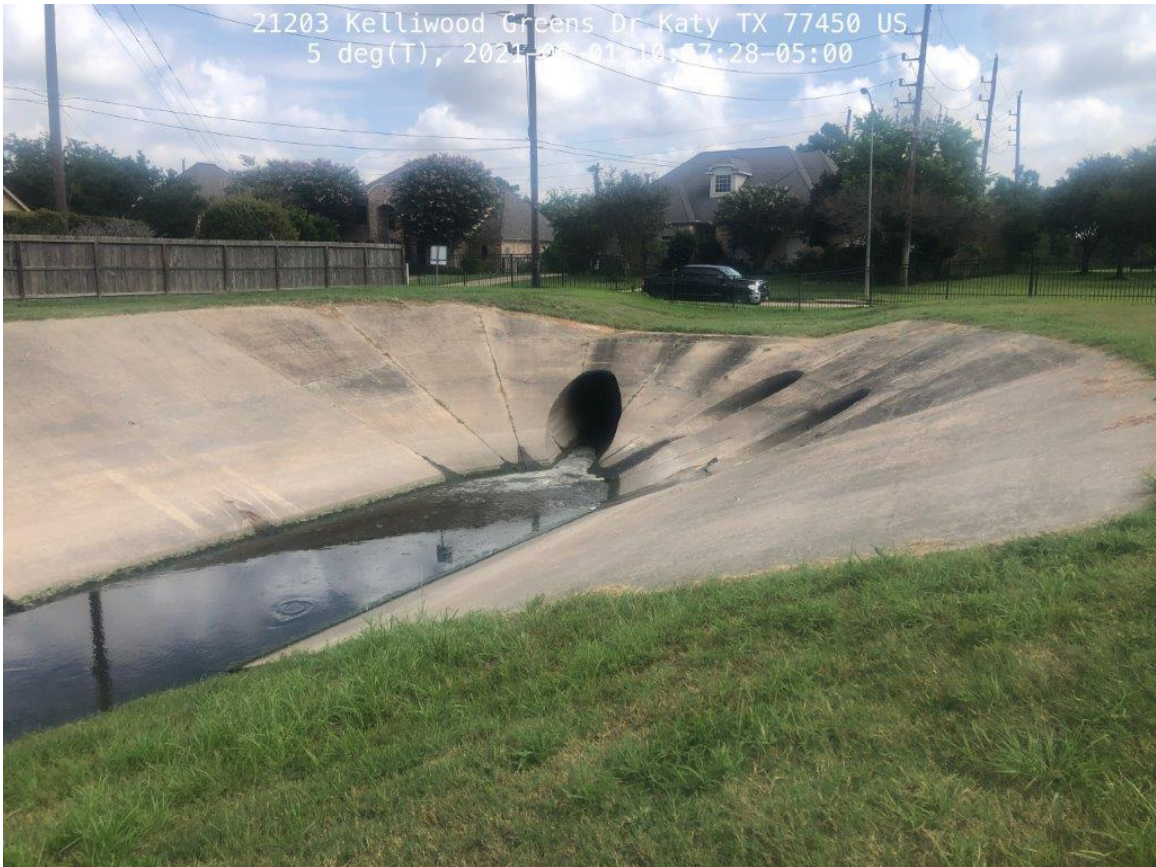




Va14









## Diversion Channel















Trail Segment “O” / “P” East of Mason added to budget





## HCFC Update T-103's









**WILLOW FORK DRAINAGE DISTRICT  
DRAINAGE MEETING ENGINEERING REPORT  
August 12, 2021  
LJA Job No. 2642-0001D (12.3)**

**Agenda Item No. 12 - Engineering matters**

**a) New drainage model and floodplain administrator duties:**

Nothing new to report this month. LJA is communicating with Harris County Flood Control District on possible changes as part of [MAAPnext](#) Program which could be released starting 1<sup>st</sup> Quarter of 2022. LJA is also coordinating with the Fort Bend County Drainage District on a possible stream gage at Mason Road and the Diversion Channel and changes to the County's Watershed Updates.

**b) Report on outfall inspections and rehabilitation plan and review maintenance chart and authorize appropriate action:**

LJA has nothing to report this month.

**c) Discuss and authorize appropriate action regarding desilting of final 8200 linear feet of Diversion Channel:**

LJA is continuing to work with Allgood Construction and Best Trash to resolve damages of the access road from FM 1093 to the Barker Dam. Allgood has submitted their plan for addressing Best Trash's concerns but currently, we are working through the amount of existing roadway that was damaged by construction.

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

**Notes:**

- (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. At the time of this report, there is no additional information.

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

According to the TWDB, the District's FIF Application will be presented to the TWDB Directors at their August 18 Board meeting. The TWDB staff is recommending approval. If approved, the District will have 6 months to close of the funding which will officially start the project.

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;**

Division III is reviewing the various light locations that were presented to the Board at the July Park's Meeting.

i) **Deeds, easements, offsite drainage agreements, consents, including:**

i. **Requests to transfer drainage capacity and requests to reserve drainage capacity.**

LJA has nothing 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 has mobilized and has started repairing the various outfalls along Va9. LJA is presenting Change Order Request No. 1 for \$29,100 which increases the total contract amount to \$148,305. Below is a summary of the changes:

- **Change in Site Conditions:** There is an existing 14-inch waterline that runs along Va9 as part of Cinco MUD No. 1's Jasper Water Well. Per the original construction plans, the waterline was shown to be located below the various outfalls. While excavating, Canyon Construction found where the waterline was located above the outfall pipes. Canyon Construction is requesting additional costs to work around the waterline. (\$ 4,400.00)
- **Design Request:** The two existing 36-inch outfalls have manholes that are located within the backyards of existing homes. During the site visit, it was discovered that one of the outfalls had corroded enough that a sink hole had formed in one of the backyards. Instead of installing new corrugated pipe within the backyards, LJA requested a proposal from Canyon Construction to install 2 new manholes within the channel highbank and install HDPE with the backyards. This would reduce the risk of future failures negatively impacting the residential backyards. (\$ 24,700.00)

***REQUIRED BOARD ACTION: Approve Change Order No. 1.***

b) **Harvey Recovery Projects**

- **Va1, Va9 and Va12 Slope Erosion:** LJA will open bids for these repairs on September 2.
- **Stormwater Quality Park:** LJA has nothing to report this month.

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:**

<b>Agenda Item</b>	<b>Project Name</b>	<b>Required Action</b>
12.k.a	Va9 Outfall Repairs	Approve Change Order 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.



August 3, 2021

Mr. Craig Kalkomey, P.E.  
LJA Engineering, Inc.  
1904 W. Grand Parkway N., Suite 100  
Katy, TX 77449

RE: 2021 VA9 Outfall Replacement Project – Willow Fork Drainage District

Dear Mr. Kalkomey:

Canyon Construction Company, Inc. is respectfully requesting a Change Order for the required additional costs and items for the above referenced project. The project item prices are as follows:

1. Research discovered that a recently installed 14" Reverse Osmosis Discharge Line runs along the top of the bank thru the whole project. This 14" line is running over or just under every CMP outfall. Extra time will be required to carefully locate and work around this new 14" line during the outfalls removal and replacement.

Labor and Equipment

2.0 Crew and Equipment day @ \$ 2,200.00 day = \$ 4,400.00

2. In reviewing the project on site with the project engineer it was determined that two more backslope interceptors are required. These need to be installed on the two 36" outfalls VA9-ISNE2 and VA9-ISNE1. The interceptors will be similar to the Urban Backslope Interceptor Structure shown in the details. The structure will be a large 4' x 4' Type "A" inlet storm box approx. 10' depth with a transition to a Type "A" inlet top with the concrete interceptor structure installed around the grate inlet top. Also, after further inspection in the field it was discovered that the two existing 36" CMP outfalls tie into storm manhole structures that are actually inside existing backyards. This will require the two new sections of 36" Storm Piping to be installed and tied-in after uncovering and accommodating and working under existing utilities involving telephone, cable, sprinkler, power, and gas lines. Also, fence removal and reinstallation and landscape repair will be required.

Backslope Interceptor on 36" Outfall and Tie-in to existing backyard storm manhole structures.....2 EA @ \$ 12,350.00 = \$ 24,700.00

- ~~3. Field inspection of the project with the engineer discovered that almost all of the backslope swales to the interceptors the length of the project had been filled in and the small of amount of swale that was left needed significant regrading and realignment. New backslope swale~~



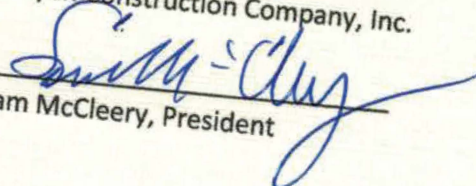
~~installation has been requested. The swale will be a 3 to 1 swale with a hay mat covering the  
swale with seeding to prevent erosion and protect the seeding.~~

~~3 to 1 Backslope Swale including hay mat and seeding.....2,225 L.F. @ \$ 8.50 L.F. = \$ 18,467.50~~

~~Change Order Total = \$ 47,567.50~~

If you have any questions or comments, please call me at 281-997-0547 or mobile at 281-467-1525.

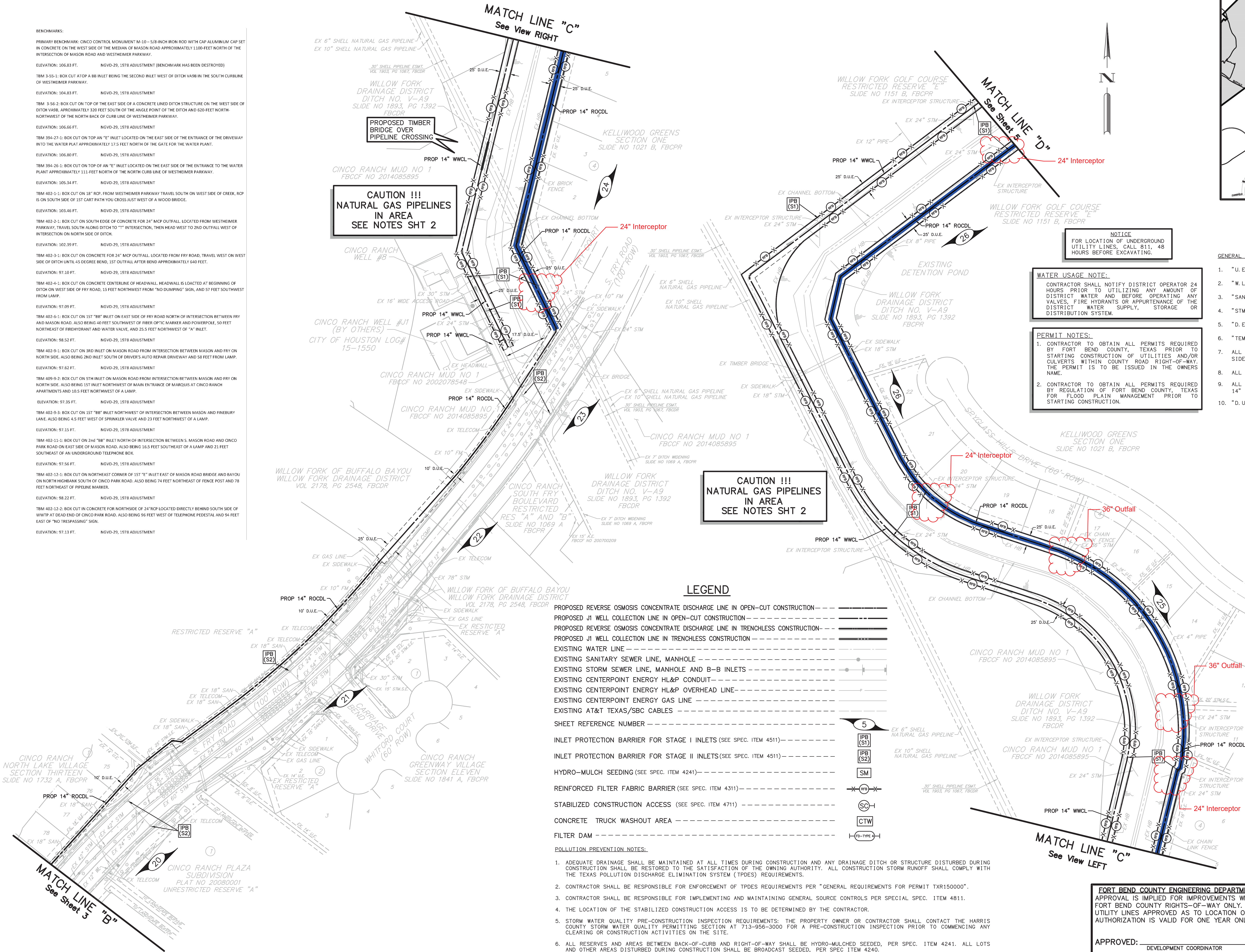
Sincerely,  
Canyon Construction Company, Inc.

  
Sam McCleery, President



X:\Projects\CONV\W0\_Discharge\_Line\_2904\03\_CADD\01\_Construction\_Plan\01\_Sheets\W0\_MUD\_OVERALL\_2\_3.dwg 1:1

BENCHMARKS:  
PRIMARY BENCHMARK: CINCO CONTROL MONUMENT M-10 - 5/8-INCH IRON ROD WITH CAP ALUMINUM CAP SET IN CONCRETE ON THE WEST SIDE OF THE MEDIAN OF MASON ROAD APPROXIMATELY 1100-FEET NORTH OF THE INTERSECTION OF MASON ROAD AND WESTHEIMER PARKWAY.  
ELEVATION: 106.83 FT. NGVD-29, 1978 ADJUSTMENT (BENCHMARK HAS BEEN DESTROYED)  
TBM 3-55-1: BOX CUT AT TOP A BB INLET BEING THE SECOND INLET WEST OF DITCH VAB9 IN THE SOUTH CURBLINE OF WESTHEIMER PARKWAY.  
ELEVATION: 104.83 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 3-56-2: BOX CUT ON TOP OF THE EAST SIDE OF A CONCRETE LINED DITCH STRUCTURE ON THE WEST SIDE OF DITCH VAB9, APPROXIMATELY 320 FEET SOUTH OF THE ANGLE POINT OF THE DITCH AND 620 FEET NORTH-NORTHWEST OF THE NORTH BACK OF CURB LINE OF WESTHEIMER PARKWAY.  
ELEVATION: 106.66 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 394-27-1: BOX CUT ON TOP AN "E" INLET LOCATED ON THE EAST SIDE OF THE ENTRANCE OF THE DRIVEWAY INTO THE WATER PLAT APPROXIMATELY 17.5 FEET NORTH OF THE GATE FOR THE WATER PLANT.  
ELEVATION: 106.80 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 394-26-1: BOX CUT ON TOP OF AN "E" INLET LOCATED ON THE EAST SIDE OF THE ENTRANCE TO THE WATER PLANT APPROXIMATELY 111- FEET NORTH OF THE NORTH CURB LINE OF WESTHEIMER PARKWAY.  
ELEVATION: 105.34 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-1-1: BOX CUT ON 18" ROP, FROM WESTHEIMER PARKWAY TRAVEL SOUTH ON WEST SIDE OF CREEK, ROP IS ON SOUTH SIDE OF 1ST CARP PATH YOU CROSS JUST WEST OF A WOOD BRIDGE.  
ELEVATION: 103.46 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-2-1: BOX CUT ON SOUTH EDGE OF CONCRETE FOR 24" MCP OUTFALL, LOCATED FROM WESTHEIMER PARKWAY, TRAVEL SOUTH ALONG DITCH TO "I" INTERSECTION, THEN HEAD WEST TO 2ND OUTFALL WEST OF INTERSECTION ON NORTH SIDE OF DITCH.  
ELEVATION: 102.39 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-3-1: BOX CUT ON CONCRETE FOR 24" MCP OUTFALL, LOCATED FROM FRY ROAD, TRAVEL WEST ON WEST SIDE OF DITCH UNTIL 45 DEGREE BEND, 1ST OUTFALL AFTER BEND APPROXIMATELY 640 FEET.  
ELEVATION: 97.10 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-4-1: BOX CUT ON CONCRETE CENTERLINE OF HEADWALL, HEADWALL IS LOCATED AT BEGINNING OF DITCH ON WEST SIDE OF FRY ROAD, 15 FEET NORTHWEST FROM "NO DUMPING" SIGN, AND 57 FEET SOUTHWEST FROM LAMP.  
ELEVATION: 97.09 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-5-1: BOX CUT ON 1ST "BB" INLET ON EAST SIDE OF FRY ROAD NORTH OF INTERSECTION BETWEEN FRY AND MASON ROAD, ALSO BEING 40 FEET SOUTHWEST OF FIBER OPTIC MARKER AND POWERPOLE, 50 FEET NORTHEAST OF FIREHYDRANT AND WATER VALVE, AND 25.5 FEET NORTHWEST OF "A" INLET.  
ELEVATION: 98.52 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-9-1: BOX CUT ON 3RD INLET ON MASON ROAD FROM INTERSECTION BETWEEN MASON AND FRY ON NORTH SIDE, ALSO BEING 2ND INLET SOUTH OF DRIVER'S AUTO REPAIR DRIVEWAY AND 58 FEET FROM LAMP.  
ELEVATION: 97.62 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 409-9-2: BOX CUT ON 5TH INLET ON MASON ROAD FROM INTERSECTION BETWEEN MASON AND FRY ON NORTH SIDE, ALSO BEING 1ST INLET NORTHWEST OF MAIN ENTRANCE OF MARQUIS AT CINCO RANCH APARTMENTS AND 10.5 FEET NORTHWEST OF A LAMP.  
ELEVATION: 97.35 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-9-3: BOX CUT ON 1ST "BB" INLET NORTHWEST OF INTERSECTION BETWEEN MASON AND FIREBURY LANE, ALSO BEING 4.5 FEET WEST OF SPRINKLER VALVE AND 23 FEET NORTHWEST OF A LAMP.  
ELEVATION: 97.15 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-11-1: BOX CUT ON 2ND "BB" INLET NORTH OF INTERSECTION BETWEEN S, MASON ROAD AND CINCO PARK ROAD ON EAST SIDE OF MASON ROAD, ALSO BEING 16.5 FEET SOUTHEAST OF A LAMP AND 21 FEET SOUTHEAST OF AN UNDERGROUND TELEPHONE BOX.  
ELEVATION: 97.56 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-12-1: BOX CUT ON NORTHEAST CORNER OF 1ST "E" INLET EAST OF MASON ROAD BRIDGE AND BAYOU ON NORTH HIGHBANK SOUTH OF CINCO PARK ROAD, ALSO BEING 74 FEET NORTHEAST OF FENCE POST AND 78 FEET NORTHEAST OF PIPELINE MARKER.  
ELEVATION: 98.22 FT. NGVD-29, 1978 ADJUSTMENT  
TBM 402-12-2: BOX CUT IN CONCRETE FOR NORTHSIDE OF 24" RCP LOCATED DIRECTLY BEHIND SOUTH SIDE OF WWTP AT DEAD END OF CINCO PARK ROAD, ALSO BEING 96 FEET WEST OF TELEPHONE PEDESTAL AND 94 FEET EAST OF "NO TRESPASSING" SIGN.  
ELEVATION: 97.13 FT. NGVD-29, 1978 ADJUSTMENT



VICINITY MAP  
N.T.S.  
FORT BEND COUNTY  
KEY MAP #525-D, #526-A & #486-S,V,W,Z  
ZIP CODE 77450

GENERAL NOTES:

- "U.E." INDICATES "UTILITY EASEMENT".
- "W.L.E." INDICATES "WATER LINE EASEMENT".
- "SAN.S.E." INDICATES "SANITARY SEWER EASEMENT".
- "STM.S.E." INDICATES "STORM SEWER EASEMENT".
- "D.E." INDICATES "DRAINAGE EASEMENT".
- "TEMP.D.E." INDICATES "TEMPORARY DRAINAGE EASEMENT".
- ALL 14 FOOT UTILITY EASEMENTS SHOWN EXTEND 7 FEET ON EACH SIDE OF A COMMON LOT LINE UNLESS OTHERWISE INDICATED.
- ALL SANITARY SEWERS ARE 8" UNLESS OTHERWISE INDICATED.
- ALL REVERSE OSMOSIS CONCENTRATE DISCHARGE LINES ARE 14" UNLESS OTHERWISE INDICATED.
- "D.U.E." INDICATES "DISTRICT UTILITY EASEMENT".

REV. NO.	DATE	DESCRIPTION	P.E. APPR.
1			
2			
3			
4			



Brown & Gay Engineers, Inc.  
10777 Westheimer, Suite 400  
Houston, TX 77042  
Tel: 281-558-8700 • www.browngay.com  
TBPE Registration No. F-1046



Brown & Gay Engineers, Inc.  
F-1046

CINCO M.U.D. 1

14-INCH REVERSE OSMOSIS  
DISCHARGE LINE AND 14-INCH  
J1 WELL COLLECTION LINE

OVERALL LAYOUT AND  
STORM WATER POLLUTION  
PREVENTION PLAN  
(SHEET 2 OF 3)

DATE: AUGUST 2017	DESIGNED BY: N.J.
JOB NUMBER: 2904-00	DRAWN BY: MB

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER	TRAFFIC AND TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
STORM	FACILITIES
STREET & BRIDGE	

FILE NO: FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE
HORIZ : 1"=100'
VERT :
SHEET No: 4 OF 35

FORT BEND COUNTY ENGINEERING DEPARTMENT  
APPROVAL IS IMPLIED FOR IMPROVEMENTS WITHIN  
FORT BEND COUNTY RIGHTS-OF-WAY ONLY.  
UTILITY LINES APPROVED AS TO LOCATION ONLY.  
AUTHORIZATION IS VALID FOR ONE YEAR ONLY.

APPROVED: DEVELOPMENT COORDINATOR

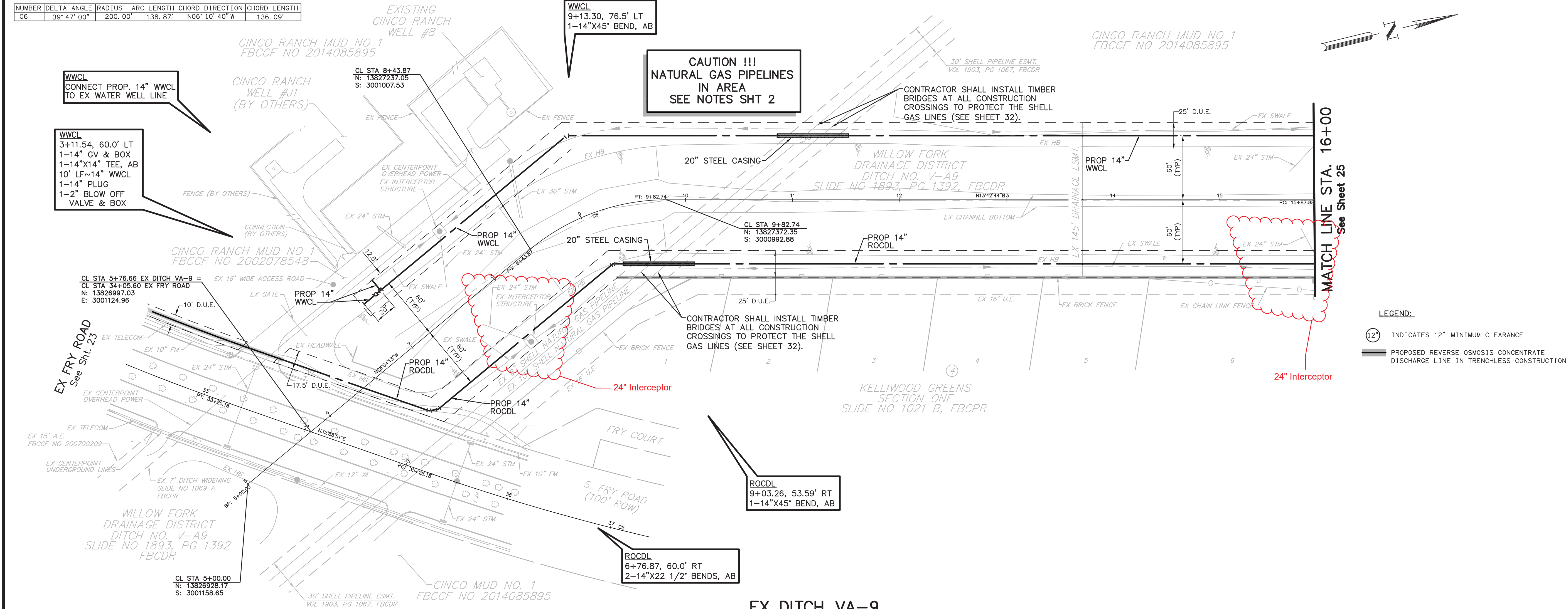
DATE:







NUMBER	DELTA	ANGLE	RADIUS	ARC LENGTH	CHORD	DIRECTION	CHORD LENGTH
C6	39° 47' 00"		200.00	138.87	N06° 10' 40" W		136.09'



FOR THE BENCHMARKS IN THIS PROJECT REFER TO SHEETS 3-5.

CAUTION !!!  
EXISTING OVERHEAD POWER FACILITIES IN AREA.  
CONTRACTOR MUST FIELD VERIFY ALL LINES.

- NOTES:
- BORE PITS TO LOCATED AT PROPOSED BENDS, VALVES OR MANHOLES AS NECESSARY. CONTRACTOR TO RESTORE BORE PIT AREAS TO EXISTING OR BETTER CONDITIONS UPON COMPLETION OF INSTALLATION OF PROPOSED LINES.
  - IN ALL AREAS WHERE 25' D.U.E. EXISTS A MINIMUM 12" ALL WEATHER ACCESS ROAD TO BE CONSTRUCTED IN ACCORDANCE TO THE DETAIL ON SHEET 32 OF 34.
  - CONTRACTOR SHALL COORDINATE WITH DISTRICT OPERATOR.

- LEGEND:
- (12") INDICATES 12" MINIMUM CLEARANCE
  - PROPOSED REVERSE OSMOSIS CONCENTRATE DISCHARGE LINE IN TRENCHLESS CONSTRUCTION

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT ENERGY AT 713-207-2222.

**NOTICE:**  
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground line can be marked. This verification does not fulfill your obligation to call 811.

**VERIFICATION OF PRIVATE UTILITY LINES**

Date: \_\_\_\_\_

CenterPoint Energy/Natural Gas Facilities Verification ONLY.  
(This Signature verifies that you have shown CNP Natural Gas lines correctly - not to be used for conflict verification.) (Gas service lines are not shown.)  
Signature Valid for six months.

Date: \_\_\_\_\_

CenterPoint Energy/UNDERGROUND Electric Facilities Verification ONLY.  
(This signature verifies existing underground facilities - not to be used for conflict verification.)  
Signature Valid for six months.

Date: \_\_\_\_\_

Approval for AT&T TEXAS/SWBT underground conduit facilities only.  
Signature Valid for One Year

REV. NO.	DATE	DESCRIPTION	P.E. APPR.
1			
2			
3			

**Brown & Gay Engineers, Inc.**  
10777 Westheimer, Suite 400  
Houston, TX 77042  
Tel: 281-558-8700 • www.browngay.com  
TBPE Registration No. F-1046

**CINCO M.U.D. 1**

**14-INCH REVERSE OSMOSIS DISCHARGE LINE AND 14-INCH J1 WELL COLLECTION LINE**

**PLAN AND PROFILE  
EX DITCH VA-9  
(STA. 5+00 TO 16+00)**

DATE:	AUGUST 2017	DESIGNED BY:	N.J.
DRAWN BY:	MB		
JOB NUMBER: 2904-00			
NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES			
<b>CITY OF HOUSTON</b> DEPARTMENT OF PUBLIC WORKS AND ENGINEERING			
WATER	TRAFFIC AND TRANSPORTATION		
WASTEWATER	STORM WATER QUALITY		
STORM	FACILITIES		
STREET & BRIDGE			
FILE NO:	FOR CITY OF HOUSTON USE ONLY		
DRAWING SCALE			
HORIZ : 1" = 50'			
VERT : 1" = 5'			
SHEET No. 24	OF 35		

**FORT BEND COUNTY ENGINEERING DEPARTMENT**  
APPROVAL IS IMPLIED FOR IMPROVEMENTS WITHIN FORT BEND COUNTY RIGHTS-OF-WAY ONLY. UTILITY LINES APPROVED AS TO LOCATION ONLY. AUTHORIZATION IS VALID FOR ONE YEAR ONLY.

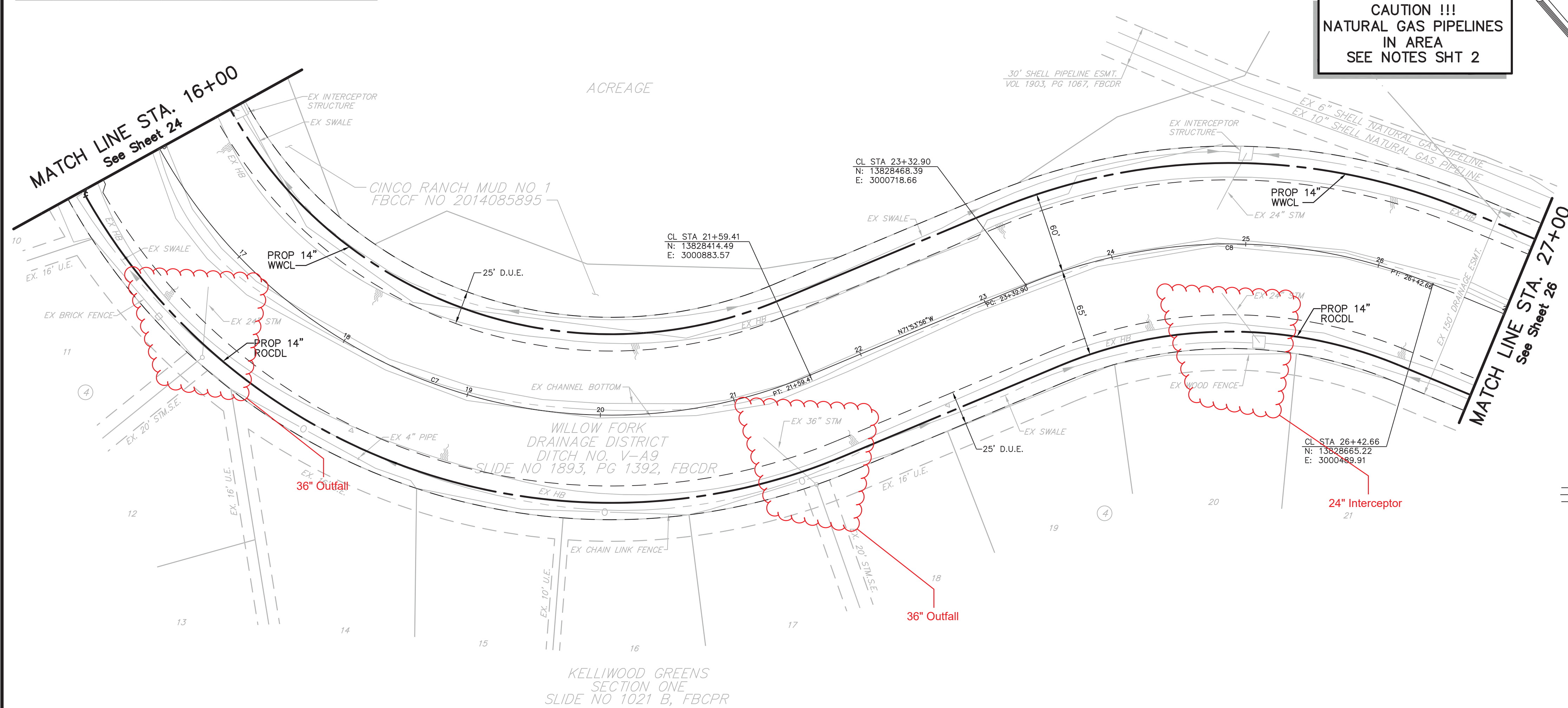
APPROVED: \_\_\_\_\_  
DEVELOPMENT COORDINATOR

DATE: \_\_\_\_\_

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NUMBER	DELTA	ANGLE	RADIUS	ARC LENGTH	CHORD	DIRECTION	CHORD LENGTH
C7	85° 36' 46"		382.50'	571.53'	N29° 05' 40" W		519.83'
C8	45° 13' 00"		392.50'	309.76'	N49° 17' 30" W		301.78'



CAUTION !!!  
NATURAL GAS PIPELINES  
IN AREA  
SEE NOTES SHT 2

FOR THE BENCHMARKS IN THIS  
PROJECT REFER TO SHEETS 3-5.

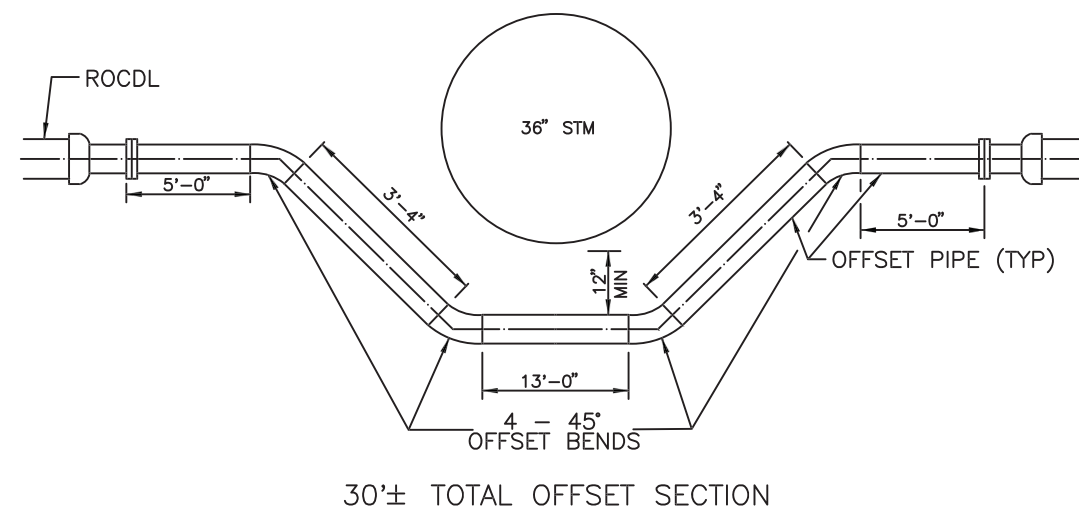
CAUTION !!!  
EXISTING OVERHEAD POWER  
FACILITIES IN AREA.  
CONTRACTOR MUST FIELD  
VERIFY ALL LINES.

LEGEND:

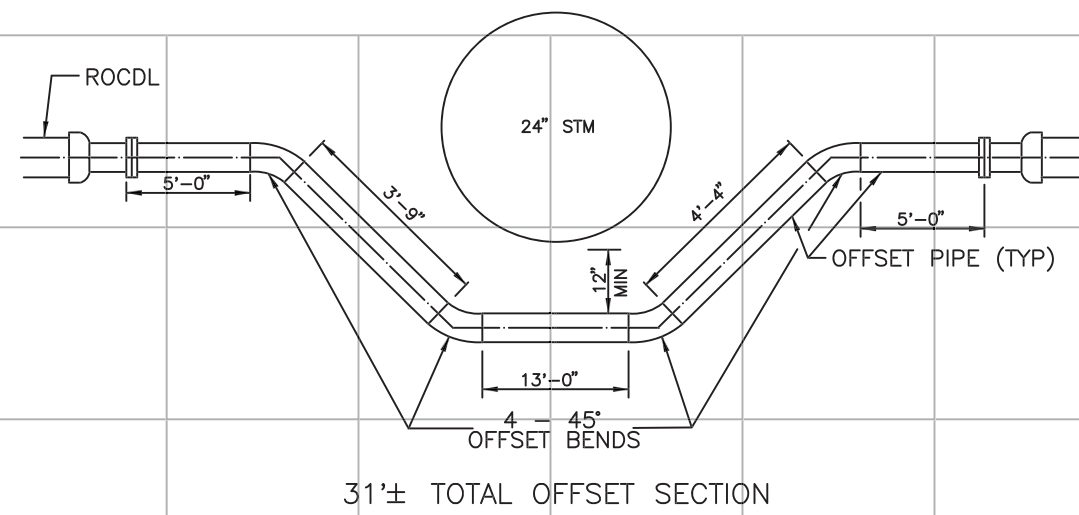
(12) INDICATES 12" MINIMUM CLEARANCE

WATER LINE OFFSET NOTES:

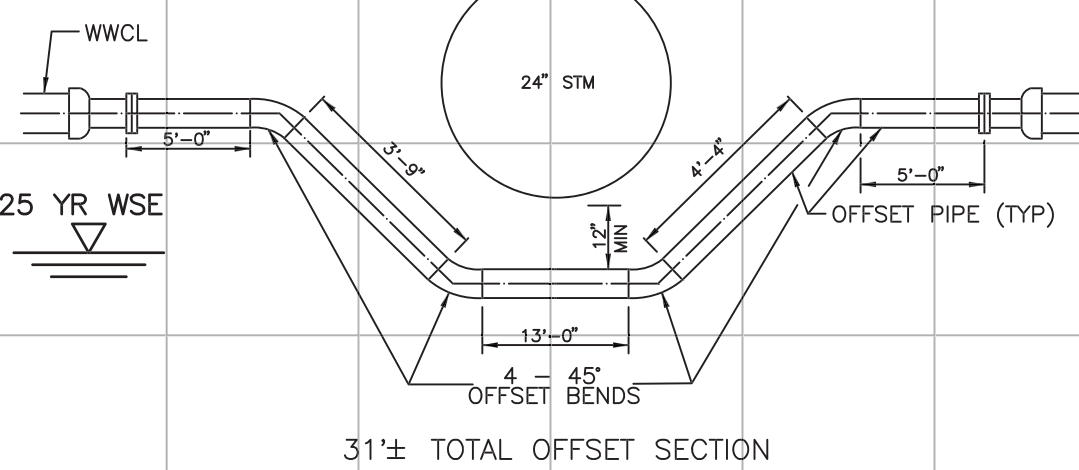
- ALL MATERIALS AND COATINGS TO BE IN ACCORDANCE WITH WATER MAIN STANDARD SPECIFICATIONS.
- RESTRAIN EXISTING PIPING BEYOND OFFSET SECTION AS REQUIRED TO PREVENT MOVEMENT.
- INSULATED JOINT TO BE MADE UP USING INSULATING GASKETS, PLASTIC BOLT SLEEVES WASHERS OF INSULATING GASKET MATERIAL BACKED WITH CAD-PLATED WASHERS OR OTHER METHODS APPROVED BY THE ENGINEER.
- SEE ADDITIONAL NOTES ON WATER LINE DETAIL 02511-01 INCLUDED ON WATER LINE DETAIL SHEET.



STA. 21+50  
14" RO DISCHARGE LINE  
RESTRAINED JOINT OFFSET SECTION  
N.T.S.



STA. 24+75  
14" RO DISCHARGE LINE  
RESTRAINED JOINT OFFSET SECTION  
N.T.S.



STA. 24+82  
14" WWCL RESTRAINED  
JOINT OFFSET SECTION  
N.T.S.

FORT BEND COUNTY ENGINEERING DEPARTMENT  
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FORT BEND COUNTY RIGHTS-OF-WAY ONLY.  
UTILITY LINES APPROVED AS TO LOCATION ONLY.  
AUTHORIZATION IS VALID FOR ONE YEAR ONLY.

APPROVED: \_\_\_\_\_  
DEVELOPMENT COORDINATOR

DATE: \_\_\_\_\_

NOTES:

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REV. NO.	DATE	DESCRIPTION	P.E. APPR.
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**Brown & Gay Engineers, Inc.**  
F-1046

CINCO M.U.D. 1

14-INCH REVERSE OSMOSIS  
DISCHARGE LINE AND 14-INCH  
J1 WELL COLLECTION LINE

PLAN AND PROFILE  
EX DITCH VA-9  
(STA. 16+00 TO 27+00)

DATE: AUGUST 2017 DESIGNED BY: N.J.  
DRAWN BY: MB  
JOB NUMBER: 2904-00

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
WATER	TRAFFIC AND TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
STORM	FACILITIES
STREET & BRIDGE	

FILE NO: \_\_\_\_\_ FOR CITY OF HOUSTON USE ONLY

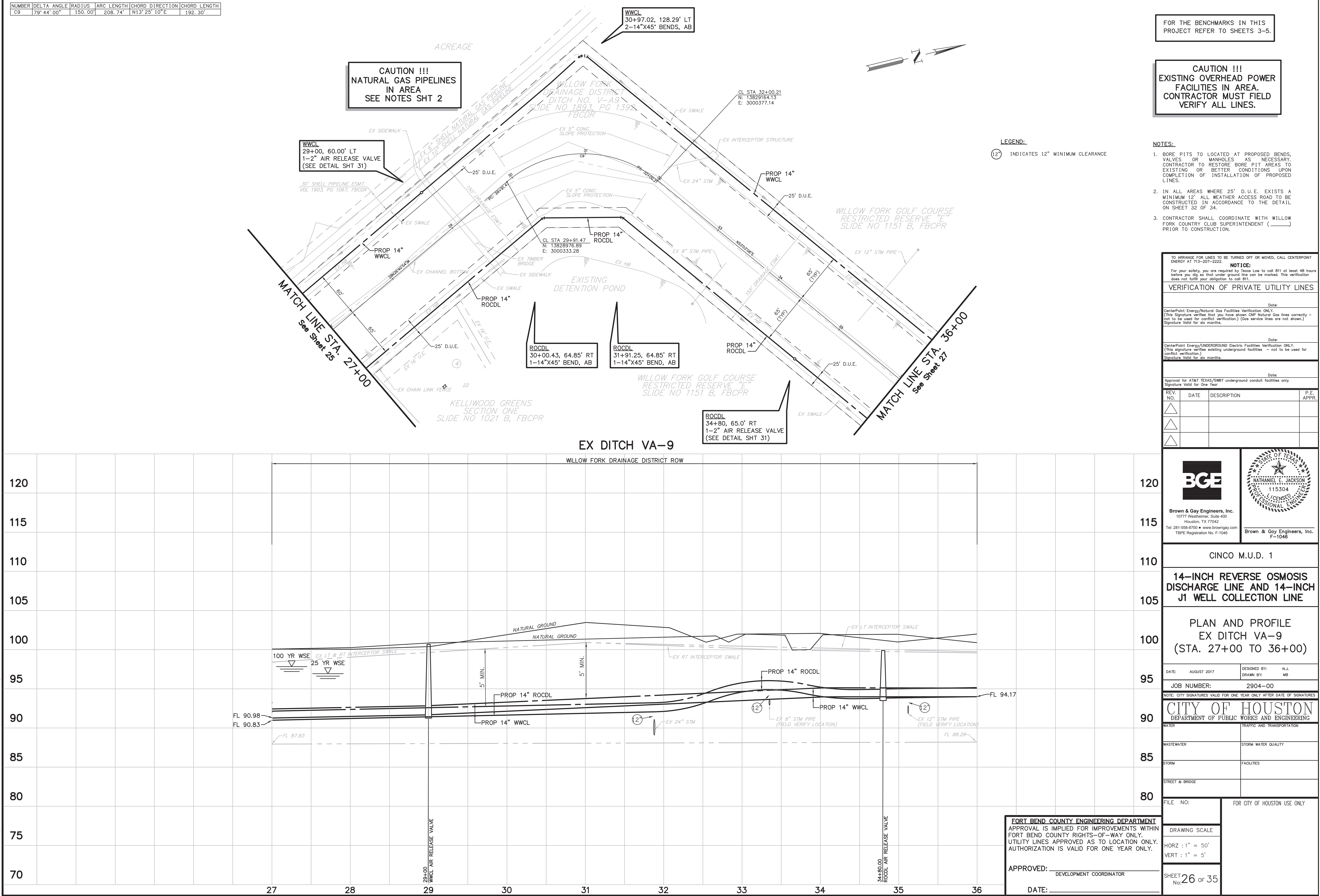
DRAWING SCALE

HORZ : 1" = 50'  
VERT : 1" = 5'

SHEET No. 25 OF 35

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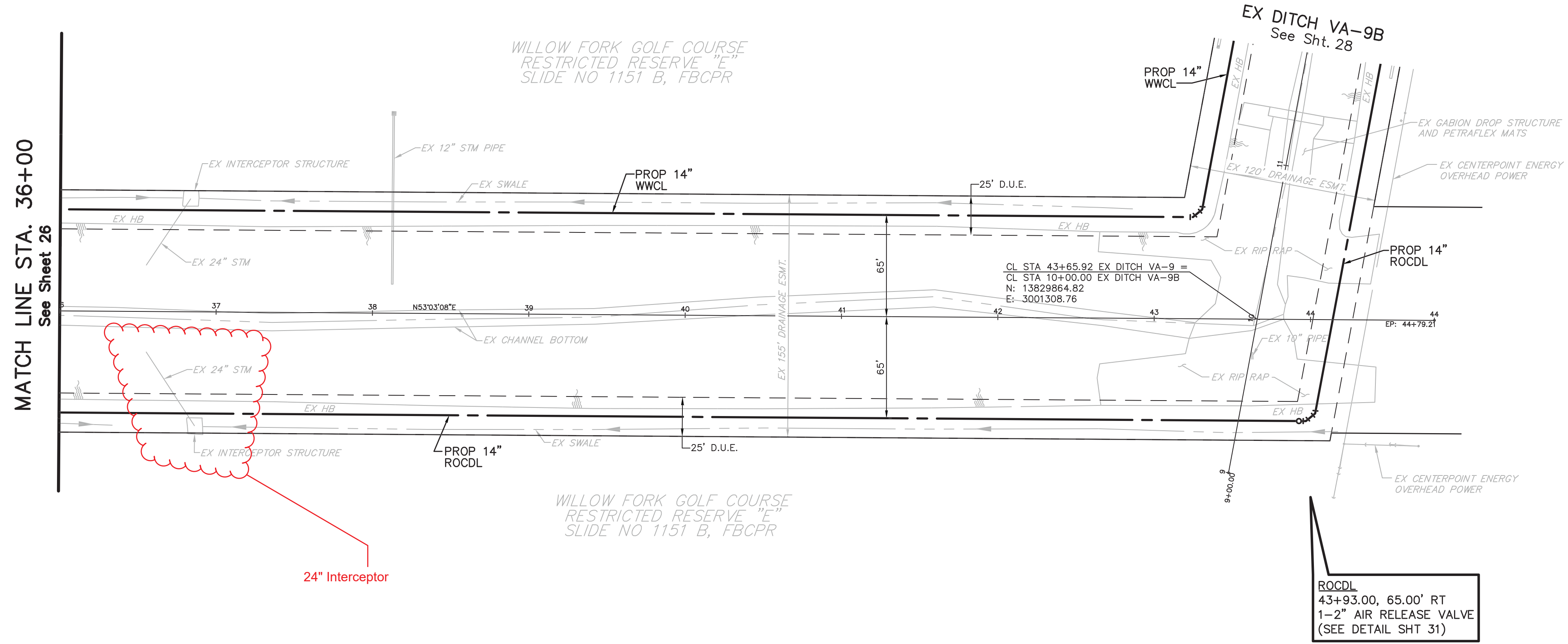


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FOR THE BENCHMARKS IN THIS PROJECT REFER TO SHEETS 3-5.

CAUTION !!!  
EXISTING OVERHEAD POWER FACILITIES IN AREA.  
CONTRACTOR MUST FIELD VERIFY ALL LINES.



LEGEND:  
(12) INDICATES 12" MINIMUM CLEARANCE

- NOTES:
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REV. NO.	DATE	DESCRIPTION	P.E. APPR.
△			
△			
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Houston, TX 77042  
Tel: 281-558-8700 • www.browngay.com  
TBPE Registration No. F-1046

**NATHANIEL E. JACKSON**  
115304  
LICENSED PROFESSIONAL ENGINEER

**Brown & Gay Engineers, Inc.**  
F-1046

CINCO M.U.D. 1

14-INCH REVERSE OSMOSIS  
DISCHARGE LINE AND 14-INCH  
J1 WELL COLLECTION LINE

PLAN AND PROFILE  
EX DITCH VA-9  
(STA. 36+00 TO 44+79.21)

DATE: AUGUST 2017 DESIGNED BY: N.J. MB  
JOB NUMBER: 2904-00

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
WATER	TRAFFIC AND TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
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FILE NO: \_\_\_\_\_ FOR CITY OF HOUSTON USE ONLY

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APPROVED: \_\_\_\_\_  
DEVELOPMENT COORDINATOR

DATE: \_\_\_\_\_

DRAWING SCALE  
HORZ : 1" = 50'  
VERT : 1" = 5'  
SHEET No. 27 OF 35

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