

MINUTES OF SPECIAL MEETING
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 81
OF HARRIS COUNTY, TEXAS

CINCO REGIONAL SEWAGE TREATMENT PLANT

September 26, 2019

The Board of Directors (the "Board") of Harris County Municipal Utility District No. 81 of Harris County, Texas (the "District"), met in special session, open to the public, at 805 Hidden Canyon Drive, Katy, Texas 77450, inside the boundaries of the District, on the 26th day of September, 2019, and the roll was called of the duly constituted members of the Board of Directors, to-wit:

John Savage	President
George Goff	Vice President
Patrick Cathcart	Secretary
Donna Brown	Treasurer
Bruce Cox	Assistant Secretary

and all of said persons were present, thus constituting a quorum.

Also present was Virginia Goff, a member of the public; Tony Garza of Cornerstones Municipal Utility District; Miranda Burks of Wheeler & Associates, Inc.; Doug Baker and Kate Hallaway of BGE, Inc.; Charlie Chapline of Municipal District Services, LLC; Whitney Alemore of Si Environmental ("SE"); Mary Lutz of McLennan & Associates, L.P.; and Katie Carner and Kim Cannon of Allen Boone Humphries Robinson LLP ("ABHR").

MINUTES

The Board considered approving the minutes of the August 15, 2019, Cinco Regional Sewage Treatment Plant (the "Plant") meeting. After discussion, Director Cathcart moved to approve the minutes of the August 15, 2019, Plant meeting, as written. Director Brown seconded the motion, which passed unanimously.

BOOKKEEPER'S REPORT INCLUDING PAYMENT OF THE BILLS AND REVIEW OF INVESTMENT OF CINCO PLANT FUNDS

Ms. Lutz presented the bookkeeper's report on the Plant funds. She reviewed the Plant account, the bills to be paid, budget comparison, investment report, and annual energy billing. A copy of the bookkeeper's report is attached.

After discussion, Director Brown moved to approve the bookkeeper's report and pay the bills. Director Cathcart seconded the motion, which passed unanimously.

PLANT OPERATIONS, DISCHARGE, AND REPAIRS AND MAINTENANCE, INCLUDING DISCUSS OPTIONS FOR PLANT SECURITY AND SURVEILLANCE

Ms. Aelmore reviewed a report on operations of the Plant, a copy of which is attached. She then reviewed the Discharge Monitoring Report and noted that no excursions occurred at the Plant during the month.

Ms. Aelmore stated that clarifier no. 1 has been cleaned and rags have been removed. She stated she recommends clarifier no. 2 also be cleaned and have the rags removed. She also recommended that the Board authorize an annual cleaning of both clarifiers going forward.

After review and discussion, Director Cathcart moved to approve the operator's report and authorize Si to clean and remove rags from clarifier no. 2 and schedule annual cleanings for both clarifiers. Director Brown seconded the motion, which passed unanimously.

ENGINEER'S REPORT

Mr. Baker presented the engineer's report, a copy of which is attached.

MONITORING OF HARRIS COUNTY FLOOD CONTROL DISTRICT CHANNEL

There was no discussion on this matter.

UPDATE ON INSTALLATION OF BLOWER VARIABLE FREQUENCY DRIVE ("VFD")

Mr. Baker updated the Board on the status of the installation of a variable frequency drive on one of the blowers and stated it has been installed, but there are issues related to full capacity usage of the VFD. Mr. Baker recommended that a second VFD be purchased and installed to maximize the capacity of the initial VFD in the amount of \$24,897.00

After review and discussion, Director Cathcart moved to approve the engineer's report and purchase and installation of a second VFD in the amount of \$24,897.00 Director Cox seconded the motion, which passed unanimously.

PROPOSAL FOR SECURITY CAMERAS AND EQUIPMENT AT THE PLANT SITE

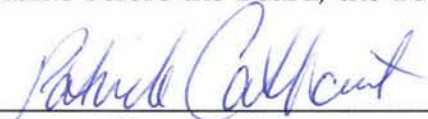
The Board discussed the recent vandalism at the Plant. Mr. Baker reviewed a proposal in the amount of \$9,550.65 from NCS for the installation of security cameras at the Plant site.

After review and discussion, Director Cox moved to approve the engineer's report and approve the proposal from NCS in the amount of \$9,550.65 for the installation of security cameras at the Plant site. Director Cathcart seconded the motion, which passed unanimously.

HARVEY MATTERS INCLUDING REPORT ON FEDERAL EMERGENCY MANAGEMENT AGENCY ("FEMA") CLAIM FOR FEDERAL FUNDING

Mr. Baker stated that FEMA has provided the District with a close out letter for the East Siphon Manhole project, a copy of which is attached to the engineer's report. He stated the reimbursement from FEMA for the District Administrative Costs in the amount of \$21,540.67 is still pending.

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

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Cinco STP
Cash Report Summary
09/20/19 to 10/17/19

	<u>GENERAL FUND</u>
BEGINNING BALANCE	\$ 1,977.79
RECEIPTS - SEE PAGE 2	117,202.10
DISBURSEMENTS - SEE PAGE 3	<u>105,044.94</u>
CURRENT CASH BALANCE	\$ 14,134.95
CURRENT INVESTMENTS	<u>33,380.11</u>
CURRENT OPERATING FUNDS AVAILABLE	<u><u>\$ 47,515.06</u></u>

RSTP - Operating MM

Compass Bank

Account No. XXXXXX2799

McLennan & Associates, L.P.
1717 St. James Place, Ste 500 Box 45
Houston, Texas 77056
Phone 281 920-4000 Fax 281 920-0065
E-Mail mlutz@mclennanandassoc.com
E-Mail rbutler@mclennanandassoc.com

Cinco STP
Cash Receipts
09/20/19 to 10/17/19

	<u>GENERAL FUND</u>
INTEREST	\$ 11.74
INVESTMENT PROCEEDS - TEXPOOL	-
INVESTMENT PROCEEDS - CENTRAL BANK	-
HARRIS COUNTY MUD #81	18,297.85
MEMORIAL MUD	32,230.56
CORNERSTONES MUD	30,721.12
MASON CREEK UD	33,440.83
RECLAIM WATER AGMT CINCO MUD #1;	2,500.00
	-
TOTAL RECEIPTS	<u>\$ 117,202.10</u>

Cinco STP
Cash Disbursements
10/17/19

GENERAL FUND

Check	Payee	Description	Amount
4630	Allen Boone Humphries Robinson, LLP	Legal Fees-Regional Sewage Treatment Plant thru 9/20/19	3,475.05
4631	Allen Boone Humphries Robinson, LLP	Legal Fees-Regional STP FEMA thru 9/20/19	250.00
4632	BGE, Inc.	Engr Fees-General Regional WWTP thru 8/23/19	4,423.39
4633	Si Environmental, LLC	Operations, Maintenance & Repair 9/19	23,349.70
4634	McLennan & Associates	Bkkpg, Exps, & Addtl 9/19	1,611.19
4635	Best Trash	Dumpster Service - 9/19	210.00
4636	Direct Energy Business	(STP) 2811 S Fry Rd. SVC - 8/01-8/29/19	12,050.27
4637	Envirodyne Laboratories, Inc.	Laboratory Expense - 8/19	1,396.00
4638	Napco Chemical Company, Inc.	Chemicals Expense - 8/16,8/27,8/30,9/10,9/13/19	17,444.00
4639	Trinity Wastewater Solutions Company	Sludge Removal - 9/11-9/16/19	10,800.00
4640	West Harris County Regional Water Auth.	Pumpage Fees (8 X 2.95) 8/19	23.60
P 4641	Direct Energy Business	(STP) 2811 S. Fry Rd. SVC	-

-DM- Compass Bank	Service Charge	11.74
-DM- Compass Bank	Transfer excess to TexPool	30,000.00

TOTAL GENERAL FUND DISBURSEMENTS \$ 105,044.94

*
P Indicates checks written at last meeting

Cinco STP

Schedule of Investments

09/20/19 to 10/17/19

BANK	INVESTMENT #	RATE	PURCHASE	MATURE	AMOUNT
GENERAL FUND					
TexPool	78472 25569 00005	2.1635%	09/30/19		\$33,380.11
<div> <div> Activity from Month End to Current: Balance - 9/30/19 \$ 3,380.11 Additions \$ 30,000.00 Total to Date - 9/30/19 \$ 33,380.11 </div> <div>Transfer excess to TexPool 10/7/19</div> </div>					
TOTAL GENERAL FUND		(Interest Earned thru 9/30/19) =	\$48.21	\$	33,380.11
TOTAL INVESTMENTS, ALL FUNDS				\$	33,380.11

Cinco STP
Investment Report
09/01/19 to 09/30/19

BANK	INVESTMENT NUMBER	TYPE*	RATE	PURCHASE	MATURE	AMOUNT	INVESTMENT MARKET VALUE
GENERAL FUND							
TexPool	78472 25569 00005	C	2.1635%	09/30/19		\$ 3,380.11	\$ 3,380.11
Beginning Balance	\$ 41,331.90						
Interest	48.21						
Additions	-						
Withdrawals	(38,000.00)	Transfer to Checking 9/19/19					
TOTAL GENERAL FUND	\$ 3,380.11					\$ 3,380.11	\$ 3,380.11

The District's Investments are in compliance with the investment strategy as expressed in the Investment Policy and with the relevant provisions of Chapter 2256 of the Texas Government Code. Further, they comply with Generally Accepted Accounting Principles.

- * TYPE A = Certificate of Deposit
- * TYPE B = Direct Government Obligation
- * TYPE C = Public Fund Investment Pool
- * TYPE D = Other

INVESTMENT OFFICER - GEORGE W. GOFF

DISTRICT BOOKKEEPER - Renee Butler

Cinco STP
Investment Report, Continued
09/01/19 to 09/30/19

Pledged Securities

BANK: Compass Bank

Security/Description	Par Value	Market Value @ 09/30/19	Current Deposits
	Maturity Date		
Plus FDIC Insurance	250,000.00	250,000.00	
Total Pledged	\$ 250,000.00	\$ 250,000.00	\$ 75,750.22

COMPLIANCE TRAINING

HB675 states that the Investment Officer must attend at least one training seminar for six (6) hours within twelve months of taking office and requires at least four (4) hours of training within each two year period thereafter.

	INVESTMENT OFFICER	TREASURER	BOOKKEEPER
Name	GEORGE W. GOFF	SAME	McLENNAN & ASSOCIATES, L.P.
Date Assumed Office	9/28/1995		3/18/2004
Completed Training	11/07/95 SMLB (2 Hrs) 6/07/96 U of H (5 Hrs) 3/28/98 McCall (5 Hrs) 4/17/99 McCall (5 Hrs) 9/09/00 McCall (5 Hrs) 9/08/01 McCall (4 Hrs) 9/13/03 McCall (4 Hrs) 10/01/05 McCall (4 Hrs) 9/29/07 McCall (4 Hrs) 2/07/10 TexPool (4 Hrs) 8/18/12 Txpl Academy (4 Hrs) 4/27/15 Txpl Academy (4Hrs) 5/21/17 TxPl Academy (4 Hrs) 10/27/18 McCall (6Hrs)		1995-2001 Various (48 Hrs) 11/20/03 TAC (6 Hrs) 10/01/05 McCall (6 Hrs) 06/21/07 UNT (4 Hrs) 06/18/09 UNT (4 Hrs) 01/30/12 Txpl Academy (4 Hrs) 06/12/14 UNT (6 Hrs) 10/15/15 McCall (6 Hrs) 06/23/16 UNT (8 Hrs) 10/29/16 McCall (36 Hrs) 10/21/17 McCall (8 Hrs) 10/27/18 McCall (30 Hrs)

METHODS USED FOR REPORTING MARKET VALUES

Certificate of Deposit:
 Securities/Direct Government Obligations: Face Value plus accrued interest.
 Public Fund Investment Pool/MM Accts: Current face value multiplied by the net selling price quoted by the broker. Valued at current book value

APPROVED BROKERS

Compass Bank
 Comerica Bank

Cinco STP

Annual Energy Billings

October 17, 2019

Billing Start Date	Billing End Date	Actual Consumption, KWH or CCF	Period Charges	Service Provider	Billing Start Date	Billing End Date	Actual Consumption, KWH or CCF	Period Charges	Service Provider
Sewage Treatment Plant, 2811 S. Fry Road					Sewage Treatment Plant, 2811 S. Fry Road				
12/14/17	01/16/18	268,847	18,898.37	Reliant Energy	01/03/19	01/31/19	225,160	14,517.59	Direct Energy
SUB-TOTALS		268,847	18,898		SUB-TOTALS		225,160	14,517.59	
01/17/18	02/12/18	204,039	15,611.56	Reliant Energy	02/01/19	03/03/19	233,766	15,047.17	Direct Energy
SUB-TOTALS		472,886	34,510		SUB-TOTALS		458,926	29,564.76	
02/12/18	03/01/18	123,157	9,117.50	Reliant Energy	03/04/19	04/01/19	210,767	13,814.28	Direct Energy
SUB-TOTALS		596,043	43,627		SUB-TOTALS		669,693	43,379.04	
03/01/18	04/02/18	234,128	17,011.63	Reliant Energy	04/02/19	05/01/19	202,839	13,459.99	Direct Energy
SUB-TOTALS		830,171	60,639		SUB-TOTALS		872,532	56,839.03	
04/02/18	05/01/18	210,208	15,534.18	Reliant Energy	05/02/19	06/02/19	212,912	14,160.90	Direct Energy
SUB-TOTALS		1,040,379	76,173		SUB-TOTALS		1,085,444	70,999.93	
05/02/18	05/31/18	205,880	15,506.42	Reliant Energy	06/03/19	07/01/19	182,260	12,451.46	Direct Energy
SUB-TOTALS		1,246,259	91,680		SUB-TOTALS		1,267,704	83,451.39	
06/01/18	07/01/18	210,740	15,534.13	Reliant Energy	07/02/19	07/31/19	192,278	12,546.06	Direct Energy
SUB-TOTALS		1,456,999	107,214		SUB-TOTALS		1,459,982	95,997.45	
07/01/18	08/01/18	198,096	14,693.87	Reliant Energy	08/01/19	08/29/19	184,895	12,050.27	Direct Energy
SUB-TOTALS		1,655,095	121,908		SUB-TOTALS		1,644,877	108,047.72	
07/31/18	08/29/18	201,197	14,548.55	Reliant Energy					
SUB-TOTALS		1,856,292	136,456		SUB-TOTALS		1,644,877	108,047.72	
08/29/18	09/30/18	226,318	16,206.97	Reliant Energy					
SUB-TOTALS		2,082,610	152,663		SUB-TOTALS		1,644,877	108,047.72	
09/30/18	10/29/18	215,222	15,319.86	Reliant Energy					
SUB-TOTALS		2,297,832	167,983		SUB-TOTALS		1,644,877	108,047.72	
10/29/18	11/29/18	237,985	16,736.90	Reliant Energy					
SUB-TOTALS		2,535,817	184,720		SUB-TOTALS		1,644,877	108,047.72	
11/30/18	01/02/19	261,319	18,185.54	Reliant Energy-Final					
SUB-TOTALS		2,797,136	202,905.48		SUB-TOTALS		1,644,877	108,047.72	
Total for FY 2018		2,797,136	\$ 202,905.48		Total for FY 2019		1,644,877	108,047.72	
Totals for Cinco STP for FY 2018					Totals for Cinco STP for FY 2019				
Electricity					Electricity				
Totals for FY 2018		2,797,136	\$ 202,905.48		Total for FY 2019		1,644,877	\$ 108,047.72	

CINCO REGIONAL SEWAGE TREATMENT PLANT

c/o McLennan & Associates, L.P.
1717 St. James Place, Ste 500 Box 45
Houston, Texas 77056

Billing for October 2019

EXPENSE ITEMS - September 2019	TOTALS	MEMORIAL	HCMUD 81	CRSTS MUD	MASON CRK
Variable Costs					
ESFC's	7134	2341	1266	1984	1543
% of ESFC's	100%	32.8147%	17.7460%	27.8105%	21.6288%
Chemicals	17,444.00	5,724.19	3,095.61	4,851.26	3,772.93
Sludge & Waste Disposal	10,800.00	3,543.99	1,916.57	3,003.53	2,335.91
RWA Fee - (8 x 2.95) -August 19	23.60	7.74	4.19	6.56	5.10
Garbage - August 19	210.00	68.91	37.27	58.40	45.42
Direct Energy Service:8/1-8/31/19	12,050.27	3,954.26	2,138.44	3,351.24	2,606.33
AT&T Services - 6/15-9/14/19	0.00	0.00	0.00	0.00	0.00
Total Variable Costs	\$ 40,527.87	\$ 13,299.09	\$ 7,192.08	\$ 11,271.00	\$ 8,765.70
Fixed Costs (% of ownership)					
		31.33%	18.67%	33.33%	16.67%
Legal Fees thru - 9/20	3,663.75	1,147.85	684.02	1,221.13	610.75
Engr - General thru 8/23	4,423.39	1,385.85	825.85	1,474.32	737.38
Engr - FY 2017 TPDES Permit Fee	0.00	0.00	0.00	0.00	0.00
Bookkeeping	1,400.00	438.62	261.38	466.62	233.38
Insurance	0.00	0.00	0.00	0.00	0.00
Laboratory	1,396.00	437.37	260.63	465.29	232.71
Maint & Repairs	20,072.25	6,288.64	3,747.49	6,690.08	3,346.04
Mowing	0.00	0.00	0.00	0.00	0.00
Office	286.04	89.62	53.40	95.34	47.68
Messenger Services	0.00	0.00	0.00	0.00	0.00
Postage	7.15	2.24	1.33	2.38	1.19
Audit Fees Year Ending	0.00	0.00	0.00	0.00	0.00
Operator Fees	3,256.75	1,020.34	608.04	1,085.47	542.90
Total Fixed Costs	34,505.33	10,810.52	6,442.15	11,500.63	5,752.04
Bank Service Charge	11.74	3.68	2.19	3.91	1.96
Interest on Investment	(\$59.95)	\$(18.78)	\$(11.19)	\$(19.98)	\$(9.99)
CINCO ONE	(2,500.00)	\$(783.25)	\$(466.75)	\$(833.25)	\$(416.75)
Total Current Billing	\$ 72,484.99	\$ 23,311.26	\$ 13,158.47	\$ 21,922.31	\$ 14,092.95
Credit or Unpaid Balance Due	0.00	0.00	0.00	0.00	0.00
Increase / Decrease Reserve	0.00	0.00	0.00	0.00	0.00
BALANCE DUE	\$ 72,484.99	\$ 23,311.26	\$ 13,158.47	\$ 21,922.31	\$ 14,092.95

CINCO REGIONAL SEWAGE TREATMENT PLANT

ANALYSIS OF RESERVE FUNDS

Billing for October 2019

Total Current Billing	\$	72,484.99
Current Ending Cash Balance		47,515.06
Total Funds in Reserve	\$	120,000.00
DISTRICTS TOTAL DEPOSITS		120,000.00
INTEREST EARNED THIS REPORT		(59.95)
		<hr/> 119,940.05
INTEREST REFUNDED TO DISTRICTS		59.95
	\$	120,000.00
Districts Operating deposits are as follows:	REMAINING SURPLUS	
MEMORIAL M. U. D.	30,000.00	-
HARRIS COUNTY M. U. D. #81	30,000.00	-
CORNERSTONES M. U. D.	30,000.00	-
MASON CREEK U. D.	30,000.00	-
Totals	\$ 120,000.00	-
		\$ 120,000.00
BALANCE OUTSTANDING		
OPERATING DEPOSITS + REMAINING SURPLUS	\$	(120,000.00)
	Balance	\$ (120,000.00)

CINCO REGIONAL STP

Operating Budget

1/01/19 - 12/31/19

Draft #2

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
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Revenues:

5001	Memorial MUD	21,533	21,533	21,533	21,533	23,726	34,378	21,533	21,533	21,533	21,533	27,329	21,533	279,228
5000	Harris Co. MUD #81	13,616	13,616	13,616	13,616	14,923	21,271	13,616	13,616	13,616	13,616	17,070	13,616	175,806
5002	Cornerstones MUD	20,541	20,541	20,541	20,541	22,874	34,206	20,541	20,541	20,541	20,541	26,707	20,541	268,651
5003	Mason Creek UD	14,648	14,648	14,648	14,648	15,815	21,483	14,648	14,648	14,648	14,648	17,732	14,648	186,866
5004	Cinco MUD 1	1,500	1,500	1,500	1,500	2,250	2,500	2,500	2,500	2,500	2,500	2,500	2,500	25,750
5391	Interest Earned	150	150	150	150	150	150	150	150	150	150	150	150	1,800

Total Revenues	71,988	71,988	71,988	71,988	79,738	113,988	72,988	72,988	72,988	72,988	91,488	72,988	938,100
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Expenses:

6320	Legal Fees	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000
6321	Audit Fees	-	-	-	-	7,000	1,000	-	-	-	-	-	-	8,000
6322	Engineer Fees	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
6324	Laboratory Fees	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	28,800
6326	Permits	-	-	-	-	-	-	-	-	-	-	18,000	-	18,000
6323	Operator Fees	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	39,000
6333	Bookkeeping	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,863	1,363	16,850
6335	Maintenance/Repairs	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	240,000
6340	Office Exps	215	215	215	215	215	215	215	215	215	215	215	215	2,580
6342	Chemicals	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	108,000
6336	Sludge/Waste Disposal	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	132,000
6350	Postage	10	10	10	10	10	10	10	10	10	10	10	10	120
6351	Telephone	135	135	135	135	135	135	135	135	135	135	135	135	1,620
6352	Utilities	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	184,800
6353	Insurance	-	-	-	-	40,000	-	-	-	-	-	-	-	40,000
6359	Other Expenses	5	5	5	5	5	5	5	5	5	5	5	5	60
6399	Garbage	210	210	210	210	210	210	210	210	210	210	210	210	2,520
7395	Meeting Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Cinco One		1,500	1,500	1,500	1,500	2,250	2,500	2,500	2,500	2,500	2,500	2,500	2,500	25,750

Total Expenses	71,988	71,988	71,988	71,988	79,738	113,988	72,988	72,988	72,988	72,988	91,488	72,988	938,100
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Net Revenue/Exps	0	0	0	0	0	0	0	0	0	0	0	0	0
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Notes:

[1] Income based on percentage rate (Fixed vs. Variable)

[2] All expenses based on 10 months history

Presented Draft #1: 11/15/2018

Presented Draft #2: 12/13/2018

Adopted: 12/13/2018

Prepared By:

McLennan & Associates, L.P.

1717 St James Place, Suite 500, Box 45

Houston, Texas 77056

Phone: 281-920-4000 Fax: 281-920-0065

JDiaz@mclennanandassoc.com

RButler@mclennanandassoc.com

Cinco Regional STP - General Fund

Budget Comparison

September 2019

	Sep 19	Budget	Variance	Jan - Sep 19	YTD Budget	Variance
Revenue						
5000 · Harris County MUD #81	18,298	13,616	4,682	112,252	131,506	(19,254)
5001 · Memorial MUD	32,231	21,533	10,698	195,223	208,835	(13,612)
5002 · Cornerstone	30,721	20,541	10,180	187,965	200,867	(12,902)
5003 · Mason Creek UD	33,441	14,648	18,793	118,768	139,834	(21,066)
5004 · Cinco MUD #1	2,500	2,500	-	17,177	18,250	(1,073)
5379 · FEMA Hurricane Income	-	-	-	268,591	-	268,591
5391 · Interest on Temp Investments	60	150	(90)	1,354	1,350	4
Total Revenue	117,251	72,988	44,263	901,330	700,642	200,688
Expense						
6318 · Legal Fees - Hurricane Expense	125	-	125	1,823	-	1,823
6320.1 · Legal Fees	6,414	5,000	1,414	47,825	45,000	2,825
6321 · Auditing Fees	-	-	-	8,200	8,000	200
6322 · Engineering Fees - General	1,630	2,500	(870)	22,871	22,500	371
6323 · Operator Fees	3,257	3,250	7	29,311	29,250	61
6324 · Laboratory Expenses	1,472	2,400	(928)	18,667	21,600	(2,933)
6326 · Permit Fees	-	-	-	-	-	-
6328 · Surface Water Expense	18	-	18	322	-	322
6333 · Bookkeeping Fees	1,550	1,363	187	12,750	12,267	483
6335 · Maintenance & Repairs - Routine	38,356	20,000	18,356	132,818	180,000	(47,182)
6336 · Sludge & Waste Disposal	21,646	11,000	10,646	98,007	99,000	(993)
6340 · Printing & Office Supplies	238	215	23	2,225	1,935	290
6342 · Chemicals	15,234	9,000	6,234	85,344	81,000	4,344
6350 · Postage	7	10	(3)	69	90	(21)
6351 · Telephone	592	135	457	1,492	1,215	277
6352 · Utilities	12,546	15,400	(2,854)	114,183	138,600	(24,417)
6353 · Insurance	-	-	-	39,833	40,000	(167)
6359 · Other Expenses	-	5	(5)	-	45	(45)
6379 · FEMA Hurricane Expense	-	-	-	268,591	-	268,591
6399 · Garbage Expenses	210	210	-	1,680	1,890	(210)
7395 · Meeting Exp-Cinco One	-	2,500	(2,500)	-	18,250	(18,250)
Total Expense	103,295	72,988	30,307	886,011	700,642	185,369
Net Surplus / Deficit	13,956	-	13,956	15,319	-	15,319

CINCO REGIONAL WASTEWATER TREATMENT PLANT

OPERATIONS REPORT
AUGUST 2019



SiEnviro 

**CINCO REGIONAL
WASTEWATER TREATMENT PLANT
MANAGEMENT REPORT
AUGUST 2019**

I. WASTEWATER TREATMENT PLANT

Repairs and Maintenance included in the AUGUST invoice.

1. Repaired PVC line and tubing on bleach system.	\$654.55
2. Replumbed discharge line from non potable system to bar screen.	\$5,166.54
3. Subcontract work at facility complete. NTS installed VD controls for blower #1.	\$30,012.64

CINCO REGIONAL WASTEWATER TREATMENT PLANT

AUGUST 2019

OPERATIONS CHARGES

1. Operations Fees	\$3,256.75
2. Administrative Fees	\$20.70
3. Wastewater Treatment Plant	\$37,905.62
4. Water Well	<u>\$0.00</u>
TOTAL OPERATION CHARGES	\$41,183.07

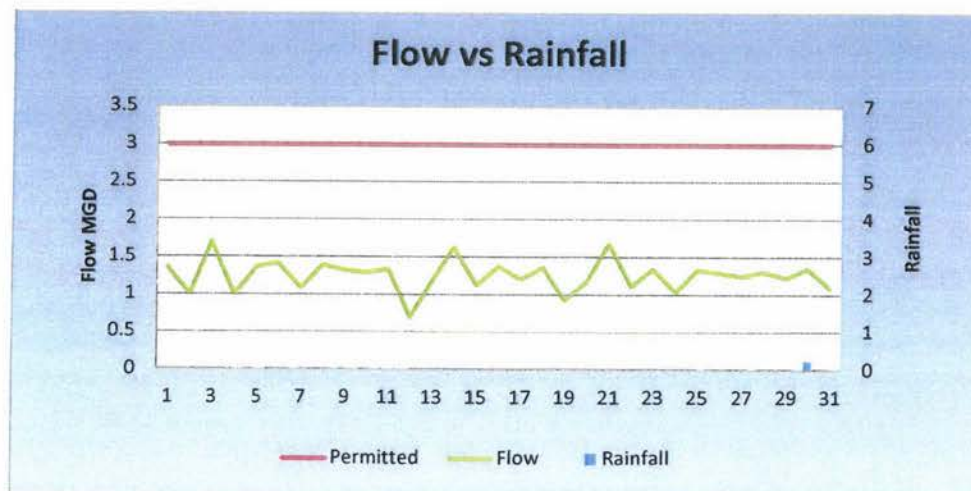
CINCO REGIONAL WASTEWATER PLANT WASTEWATER TREATMENT PLANT

Permit # 11893-001
Expires: 5/1/2022

Design: 3.000 MGD
Utilized 42.0%

PARAMETER		UNITS	PERMIT LIMITS	Jul-19 RESULTS	EXCURSION
Dissolved Oxygen:	Min	mg / l	6.0	6.8	0
pH:	Min	S.U.	6.0	7.2	0
	Max	S.U.	9.0	7.5	0
Total Suspended Solids:	Avg	lbs / day	376.0	25.5	0
	Avg	mg / l	15.0	2.6	0
	Max	mg / l	40.0	4.6	0
Ammonia:	Avg	lbs / day	50.0	2.0	0
	Avg	mg / l	2.0	0.2	0
	Max	mg / l	7.0	0.2	0
Monthly Flow:	Avg	M.G.D.	3.000	1.261	0
2-Hour Peak Flow:	Max	gpm	10417	1250	0
Annual Flow:	Avg	M.G.D.	3.000	1.366	0
De-Chlor:	Max	mg / l	0.1	0.0	0
Chlorine:	Min	mg / l	1.0	1.0	0
E.coli	Avg	C.F.U.	63.0	2.0	0
	Max	C.F.U.	200.0	4.0	0
CBOD:	Avg	lbs / day	250.0	33.1	0
	Avg	mg / l	10.0	3.4	0
	Max	mg / l	25.0	5.5	0

Permit Excursions:	0	Sanitary Sewer Overflows:	0
Rainfall:	0.25	SSO Gallons:	0



Cinco STP
Cash Report Summary
08/16/19 to 09/19/19

	GENERAL FUND
BEGINNING BALANCE	\$ 3,997.21
RECEIPTS - SEE PAGE 2	101,278.95
DISBURSEMENTS - SEE PAGE 3	103,298.37
CURRENT CASH BALANCE	\$ 1,977.79
CURRENT INVESTMENTS	3,331.90
CURRENT OPERATING FUNDS AVAILABLE	\$ 5,309.69

RSTP - Operating MM

Compass Bank

Account No. XXXXXX6804

McLennan & Associates, L.P.
1717 St. James Place, Ste 500 Box 45
Houston, Texas 77056
Phone 281 920-4000 Fax 281 920-0065
E-Mail mlutz@mcclennanandassoc.com
E-Mail rbutler@mcclennanandassoc.com

Cinco STP
Cash Receipts
08/16/19 to 09/19/19

	<u>GENERAL FUND</u>
INTEREST	\$ 16.31
INVESTMENT PROCEEDS - TEXPOOL	38,000.00
INVESTMENT PROCEEDS - CENTRAL BANK	-
HARRIS COUNTY MUD #81	13,634.26
MEMORIAL MUD	23,938.77
CORNERSTONES MUD	22,989.61
MASON CREEK UD	-
RECLAIM WATER AGMT CINCO MUD #1;	2,500.00
VOIDED CHECK #4608	200.00 [1]
	-
TOTAL RECEIPTS	<u>\$ 101,278.95</u>

[1] Void Check 4608 - AOS Treatment-to be Paid by Operator

Cinco STP
Cash Disbursements
09/19/19

GENERAL FUND

Check	Payee	Description	Amount
* 4592	AT&T	(STP) 281/578-8341-171-8 VOIDED	-
* 4616	Best Trash	Dumpster Service - 8/19 VOIDED	-
4617	Allen Boone Humphries Robinson, LLP	Legal Fees-Regional Sewage Treatment Plant thru 8/23/19	6,414.09
4618	Allen Boone Humphries Robinson, LLP	Legal Fees-Regional STP FEMA thru 8/23/19	125.00
4619	BGE, Inc.	Engr Fees-General Regional WWTP thru 7/26/19	1,629.67
4620	Si Environmental, LLC	Operations, Maintenance & Repair 8/19	41,183.07
4621	McLennan & Associates	Bkkpg, Exps, & Addtl 8/19	1,762.59
4622	Custom Scapes	Mowing 8/19	450.00
4623	Direct Energy Business	(STP) 2811 S Fry Rd. SVC - 7/02-7/31/19	12,546.06
4624	Envirodyne Laboratories, Inc.	Laboratory Expense - 7/19	1,472.00
4625	Napco Chemical Company, Inc.	Chemicals Expense - 7/10,7/25,7/30,8/13/19	15,233.60
4626	Trinity Wastewater Solutions Company	Sludge Removal - 7/10,7/11,7/12,8/2,8/5,8/6/19	21,646.24
4627	West Harris County Regional Water Auth.	Pumpage Fees (6 X 2.95) 7/19	17.70
4628	AT&T	(STP) 281/578-8341-171-8 6/15-9/14/19	592.04
4629	Best Trash	Dumpster Service - 8/19	210.00
-DM-	Compass Bank	Service Charge	16.31
-DM-	Compass Bank	Transfer excess to TexPool	-

TOTAL GENERAL FUND DISBURSEMENTS

\$ 103,298.37

P Indicates checks written at last meeting

Cinco STP
Schedule of Investments
08/16/19 to 09/19/19

BANK	INVESTMENT #	RATE	PURCHASE	MATURE	AMOUNT
GENERAL FUND					
TexPool	78472 25569 00005	2.1715%	09/19/19		\$3,331.90
<div>Activity from Month End to Current:</div> <div>Balance - 8/31/19\$41,331.90</div> <div>Withdrawals\$(38,000.00)</div> <div>Total to Date - 9/19/19\$3,331.90</div>					
TOTAL GENERAL FUND		(Interest Earned thru 8/31/19) =		\$88.69	\$3,331.90
TOTAL INVESTMENTS, ALL FUNDS					\$3,331.90

Cinco STP
Investment Report
08/01/19 to 08/31/19

BANK	INVESTMENT NUMBER	TYPE*	RATE	PURCHASE	MATURE	AMOUNT	INVESTMENT MARKET VALUE
GENERAL FUND							
TexPool	78472 25569 00005	C	2.1715%	08/31/19		\$ 41,331.90	\$ 41,331.90
Beginning Balance	\$ 56,243.21						
Interest	88.69						
Additions							
Withdrawals	(15,000.00)	Transfer to Checking 8/15/19					
TOTAL GENERAL FUND	\$ 41,331.90					\$ 41,331.90	\$ 41,331.90

The District's Investments are in compliance with the investment strategy as expressed in the Investment Policy and with the relevant provisions of Chapter 2256 of the Texas Government Code. Further, they comply with Generally Accepted Accounting Principles.

- * TYPE A = Certificate of Deposit
- * TYPE B = Direct Government Obligation
- * TYPE C = Public Fund Investment Pool
- * TYPE D = Other

INVESTMENT OFFICER - GEORGE W. GOFF

DISTRICT BOOKKEEPER - Renee Butler

Cinco STP
Investment Report, Continued
08/01/19 to 08/31/19

Pledged Securities

BANK: Compass Bank

Security/Description	Par Value	Market Value @ 08/31/19	Current Deposits
	Maturity Date		
Plus FDIC Insurance	250,000.00	250,000.00	
Total Pledged	\$ 250,000.00	\$ 250,000.00	\$ 75,750.22

COMPLIANCE TRAINING

HB675 states that the Investment Officer must attend at least one training seminar for six (6) hours within twelve months of taking office and requires at least four (4) hours of training within each two year period thereafter.

	INVESTMENT OFFICER	TREASURER	BOOKKEEPER
Name	GEORGE W. GOFF	SAME	McLENNAN & ASSOCIATES, L.P.
Date Assumed Office	9/28/1995		3/18/2004
Completed Training	11/07/95 SMLB (2 Hrs) 6/07/96 U of H (5 Hrs) 3/28/98 McCall (5 Hrs) 4/17/99 McCall (5 Hrs) 9/09/00 McCall (5 Hrs) 9/08/01 McCall (4 Hrs) 9/13/03 McCall (4 Hrs) 10/01/05 McCall (4 Hrs) 9/29/07 McCall (4 Hrs) 2/07/10 TexPool (4 Hrs) 8/18/12 Txpl Academy (4 Hrs) 4/27/15 Txpl Academy (4 Hrs) 5/21/17 TxPI Academy (4 Hrs) 10/27/18 McCall (6Hrs)		1995-2001 Various (48 Hrs) 11/20/03 TAC (6 Hrs) 10/01/05 McCall (6 Hrs) 06/21/07 UNT (4 Hrs) 06/18/09 UNT (4 Hrs) 01/30/12 Txpl Academy (4 Hrs) 06/12/14 UNT (6 Hrs) 10/15/15 McCall (6 Hrs) 06/23/16 UNT (8 Hrs) 10/29/16 McCall (36 Hrs) 10/21/17 McCall (8 Hrs) 10/27/18 McCall (30 Hrs)

METHODS USED FOR REPORTING MARKET VALUES

Certificate of Deposit:
 Securities/Direct Government Obligations: Face Value plus accrued interest.
 Current face value multiplied by
 Public Fund Investment Pool/MM Accts: the net selling price quoted by the
 broker. Valued at current book
 value

APPROVED BROKERS

Compass Bank
 Comerica Bank

Cinco STP

Annual Energy Billings

September 19, 2019

Billing Start Date	Billing End Date	Actual Consumption, kWh or CCF	Period Charges	Service Provider	Billing Start Date	Billing End Date	Actual Consumption, kWh or CCF	Period Charges	Service Provider
Sewage Treatment Plant, 2811 S. Fry Road					Sewage Treatment Plant, 2811 S. Fry Road				
12/14/17	01/16/18	268,847	18,898.37	Reliant Energy	01/03/19	01/31/19	225,160	14,517.59	Direct Energy
SUB-TOTALS		268,847	18,898		SUB-TOTALS		225,160	14,517.59	
01/17/18	02/12/18	204,039	15,611.56	Reliant Energy	02/01/19	03/03/19	233,766	15,047.17	Direct Energy
SUB-TOTALS		472,886	34,510		SUB-TOTALS		458,926	29,564.76	
02/12/18	03/01/18	123,157	9,117.50	Reliant Energy	03/04/19	04/01/19	210,767	13,814.28	Direct Energy
SUB-TOTALS		596,043	43,627		SUB-TOTALS		669,693	43,379.04	
03/01/18	04/02/18	234,128	17,011.63	Reliant Energy	04/02/19	05/01/19	202,839	13,459.99	Direct Energy
SUB-TOTALS		830,171	60,639		SUB-TOTALS		872,532	56,839.03	
04/02/18	05/01/18	210,208	15,534.18	Reliant Energy	05/02/19	06/02/19	212,912	14,160.90	Direct Energy
SUB-TOTALS		1,040,379	76,173		SUB-TOTALS		1,085,444	70,999.93	
05/02/18	05/31/18	205,880	15,506.42	Reliant Energy	06/03/19	07/01/19	182,260	12,451.46	Direct Energy
SUB-TOTALS		1,246,259	91,680		SUB-TOTALS		1,267,704	83,451.39	
06/01/18	07/01/18	210,740	15,534.13	Reliant Energy	07/02/19	07/31/19	192,278	12,546.06	Direct Energy
SUB-TOTALS		1,456,999	107,214		SUB-TOTALS		1,459,982	95,997.45	
07/01/18	08/01/18	198,096	14,693.87	Reliant Energy					
SUB-TOTALS		1,655,095	121,908		SUB-TOTALS		1,459,982	95,997.45	
07/31/18	08/29/18	201,197	14,548.55	Reliant Energy					
SUB-TOTALS		1,856,292	136,456		SUB-TOTALS		1,459,982	95,997.45	
08/29/18	09/30/18	226,318	16,206.97	Reliant Energy					
SUB-TOTALS		2,082,610	152,663		SUB-TOTALS		1,459,982	95,997.45	
09/30/18	10/29/18	215,222	15,319.86	Reliant Energy					
SUB-TOTALS		2,297,832	167,983		SUB-TOTALS		1,459,982	95,997.45	
10/29/18	11/29/18	237,985	16,736.90	Reliant Energy					
SUB-TOTALS		2,535,817	184,720		SUB-TOTALS		1,459,982	95,997.45	
11/30/18	01/02/19	261,319	18,185.54	Reliant Energy-Final					
SUB-TOTALS		2,797,136	202,905.48		SUB-TOTALS		1,459,982	95,997.45	
Total for FY 2018					Total for FY 2019				
		<u>2,797,136</u>	<u>\$ 202,905.48</u>				<u>1,459,982</u>	<u>95,997.45</u>	
Totals for Cinco STP for FY 2018					Totals for Cinco STP for FY 2019				
Electricity					Electricity				
Totals for FY 2018					Total for FY 2019				
		<u>2,797,136</u>	<u>\$ 202,905.48</u>				<u>1,459,982</u>	<u>\$ 95,997.45</u>	

CINCO REGIONAL SEWAGE TREATMENT PLANT

c/o McLennan & Associates, L.P.
1717 St. James Place, Ste 500 Box 45
Houston, Texas 77056

Billing for September 2019

EXPENSE ITEMS - August 2019	TOTALS	MEMORIAL	HCMUD 81	CRSTS MUD	MASON CRK
Variable Costs					
ESFC's	7134	2341	1266	1984	1543
% of ESFC's	100%	32.8147%	17.7460%	27.8105%	21.6288%
Chemicals	15,233.60	4,998.86	2,703.36	4,236.54	3,294.85
Sludge & Waste Disposal	21,646.24	7,103.15	3,841.34	6,019.92	4,681.83
RWA Fee - (6 x 2.95) -July 19	17.70	5.81	3.14	4.92	3.83
Garbage - July 19	210.00	68.91	37.27	58.40	45.42
Direct Energy Service:7/2-7/31/19	12,546.06	4,116.95	2,226.42	3,489.12	2,713.56
AT&T Services - 6/15-9/14/19	592.04	194.28	105.06	164.65	128.05
Total Variable Costs	\$ 50,245.64	\$ 16,487.95	\$ 8,916.59	\$ 13,973.56	\$ 10,867.54
Fixed Costs (% of ownership)					
		31.33%	18.67%	33.33%	16.67%
Legal Fees thru - 8/23	6,448.75	2,020.39	1,203.98	2,149.37	1,075.01
Engr - General thru 7/26	1,629.67	510.58	304.26	543.17	271.67
Engr - FY 2017 TPDES Permit Fee	0.00	0.00	0.00	0.00	0.00
Bookkeeping	1,550.00	485.62	289.39	516.62	258.39
Insurance	0.00	0.00	0.00	0.00	0.00
Laboratory	1,472.00	461.18	274.82	490.62	245.38
Maint & Repairs	37,705.62	11,813.17	7,039.64	12,567.28	6,285.53
Mowing	450.00	140.99	84.02	149.99	75.02
Office	316.48	99.15	59.09	105.48	52.76
Messenger Services	0.00	0.00	0.00	0.00	0.00
Postage	7.15	2.24	1.33	2.38	1.19
Audit Fees Year Ending	0.00	0.00	0.00	0.00	0.00
Operator Fees	3,256.75	1,020.34	608.04	1,085.47	542.90
Total Fixed Costs	52,836.42	16,553.65	9,864.56	17,610.38	8,807.83
Bank Service Charge	16.31	5.11	3.05	5.44	2.72
Interest on Investment	(\$105.00)	\$(32.90)	\$(19.60)	\$(35.00)	\$(17.50)
CINCO ONE	(2,500.00)	\$(783.25)	\$(466.75)	\$(833.25)	\$(416.75)
Total Current Billing	\$ 100,493.37	\$ 32,230.56	\$ 18,297.85	\$ 30,721.12	\$ 19,243.84
Credit or Unpaid Balance Due	14,196.99	0.00	0.00	0.00	14,196.99
Increase / Decrease Reserve	0.00	0.00	0.00	0.00	0.00
BALANCE DUE	\$ 114,690.36	\$ 32,230.56	\$ 18,297.85	\$ 30,721.12	\$ 33,440.83

CINCO REGIONAL SEWAGE TREATMENT PLANT

ANALYSIS OF RESERVE FUNDS

Billing for September 2019

Total Current Billing	\$	114,690.36
Current Ending Cash Balance		5,309.69
Total Funds in Reserve	\$	120,000.00
DISTRICTS TOTAL DEPOSITS		120,000.00
INTEREST EARNED THIS REPORT		(105.00)
		<hr/> 119,895.00
INTEREST REFUNDED TO DISTRICTS		105.00
	\$	120,000.00

Districts Operating deposits are as follows:

REMAINING SURPLUS

MEMORIAL M. U. D.	30,000.00	-
HARRIS COUNTY M. U. D. #81	30,000.00	-
CORNERSTONES M. U. D.	30,000.00	-
MASON CREEK U. D.	30,000.00	-
Totals	\$ 120,000.00	-
		\$ 120,000.00

BALANCE OUTSTANDING	
OPERATING DEPOSITS + REMAINING SURPLUS	\$ (120,000.00)

Balance	\$ (120,000.00)
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CINCO REGIONAL STP

Operating Budget

1/01/19 - 12/31/19

Draft #2

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
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Revenues:

5001	Memorial MUD	21,533	21,533	21,533	21,533	23,726	34,378	21,533	21,533	21,533	21,533	27,329	21,533	279,228
5000	Harris Co. MUD #81	13,616	13,616	13,616	13,616	14,923	21,271	13,616	13,616	13,616	13,616	17,070	13,616	175,806
5002	Cornerstones MUD	20,541	20,541	20,541	20,541	22,874	34,206	20,541	20,541	20,541	20,541	26,707	20,541	268,651
5003	Mason Creek UD	14,648	14,648	14,648	14,648	15,815	21,483	14,648	14,648	14,648	14,648	17,732	14,648	186,866
5004	Cinco MUD 1	1,500	1,500	1,500	1,500	2,250	2,500	2,500	2,500	2,500	2,500	2,500	2,500	25,750
5391	Interest Earned	150	150	150	150	150	150	150	150	150	150	150	150	1,800
Total Revenues		71,988	71,988	71,988	71,988	79,738	113,988	72,988	72,988	72,988	72,988	91,488	72,988	938,100

Expenses:

6320	Legal Fees	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000
6321	Audit Fees	-	-	-	-	7,000	1,000	-	-	-	-	-	-	8,000
6322	Engineer Fees	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
6324	Laboratory Fees	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	28,800
6326	Permits	-	-	-	-	-	-	-	-	-	-	18,000	-	18,000
6323	Operator Fees	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,250	39,000
6333	Bookkeeping	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,363	1,863	1,363	16,850
6335	Maintenance/Repairs	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	240,000
6340	Office Exps	215	215	215	215	215	215	215	215	215	215	215	215	2,580
6342	Chemicals	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	108,000
6336	Sludge/Waste Disposal	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	132,000
6350	Postage	10	10	10	10	10	10	10	10	10	10	10	10	120
6351	Telephone	135	135	135	135	135	135	135	135	135	135	135	135	1,620
6352	Utilities	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	15,400	184,800
6353	Insurance	-	-	-	-	-	40,000	-	-	-	-	-	-	40,000
6359	Other Expenses	5	5	5	5	5	5	5	5	5	5	5	5	60
6399	Garbage	210	210	210	210	210	210	210	210	210	210	210	210	2,520
7395	Meeting Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Cinco One		1,500	1,500	1,500	1,500	2,250	2,500	2,500	2,500	2,500	2,500	2,500	2,500	25,750
Total Expenses		71,988	71,988	71,988	71,988	79,738	113,988	72,988	72,988	72,988	72,988	91,488	72,988	938,100
Net Revenue/Exps		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- [1] Income based on percentage rate (Fixed vs. Variable)
- [2] All expenses based on 10 months history

Presented Draft #1: 11/15/2018
 Presented Draft #2: 12/13/2018
 Adopted: 12/13/2018

Prepared By:
 McLennan & Associates, L.P.
 1717 St James Place, Suite 500, Box 45
 Houston, Texas 77056
 Phone: 281-920-4000 Fax: 281-920-0065
 JDiaz@mclennanandassoc.com
 CWalker@mclennanandassoc.com

Cinco Regional STP - General Fund
Budget Comparison
August 2019

	Aug 19	Budget	Variance	Jan - Aug 19	YTD Budget	Variance
Revenue						
5000 · Harris County MUD #81	13,634	13,616	18	93,955	117,890	(23,935)
5001 · Memorial MUD	23,939	21,533	2,406	162,992	187,302	(24,310)
5002 · Cornerstone	22,990	20,541	2,449	157,244	180,326	(23,082)
5003 · Mason Creek UD	0	14,648	(14,648)	85,327	125,186	(39,859)
5004 · Cinco MUD #1	2,500	2,500	0	14,677	15,750	(1,073)
5379 · FEMA Hurricane Income	0	0	0	268,591	0	268,591
5391 · Interest on Temp Investments	105	150	(45)	1,294	1,200	94
Total Revenue	63,168	72,988	(9,820)	784,080	627,654	156,426
Expense						
6318 · Legal Fees - Hurricane Expense	0			1,698		
6320.1 · Legal Fees	4,335	5,000	(665)	41,411	40,000	1,411
6321 · Auditing Fees	0	0	0	8,200	8,000	200
6322 · Engineering Fees - General	3,573	2,500	1,073	21,241	20,000	1,241
6323 · Operator Fees	3,257	3,250	7	26,054	26,000	54
6324 · Laboratory Expenses	3,346	2,400	946	17,195	19,200	(2,005)
6326 · Permit Fees	0	0	0	0	0	0
6328 · Surface Water Expense	21	0	21	304	0	304
6333 · Bookkeeping Fees	1,400	1,363	37	11,200	10,904	296
6335 · Maintenance & Repairs - Routine	26,122	20,000	6,122	94,462	160,000	(65,538)
6336 · Sludge & Waste Disposal	10,942	11,000	(58)	76,360	88,000	(11,640)
6340 · Printing & Office Supplies	238	215	23	1,987	1,720	267
6342 · Chemicals	11,278	9,000	2,278	70,110	72,000	(1,890)
6350 · Postage	6	10	(4)	62	80	(18)
6351 · Telephone	0	135	(135)	900	1,080	(180)
6352 · Utilities	12,451	15,400	(2,949)	101,637	123,200	(21,563)
6353 · Insurance	0	0	0	39,833	40,000	(167)
6359 · Other Expenses	0	5	(5)	0	40	(40)
6379 · FEMA Hurricane Expense	0	0	0	268,591	0	268,591
6399 · Garbage Expenses	0	210	(210)	1,470	1,680	(210)
7395 · Meeting Exp-Cinco One	0	2,500	(2,500)	0	15,750	(15,750)
Total Expense	76,969	72,988	3,981	782,715	627,654	155,061
Net Income	(13,801)	0	(13,801)	1,365	0	1,365



Memorandum

STP Meeting
To: HCM 81 for Cinco Regional Operating Committee

From: Douglas W. Baker, P.E. *Douglas W Baker P.E.*
Kate Hallaway, P.E.
Brown & Gay Engineers, Inc.

Date: September 19, 2019 *26th*

Subject: Monthly Engineer's Report

WASTEWATER TREATMENT PLANT FLOWS

Month:	August 2019
Average Daily Flow:	1.312 MGD
ESFC Count:	7,134 ESFC
ADF/ESFC:	184 gpd/ESFC at ADF
Rainfall this Month:	2.75 inches

TRUNKLINES

Scour areas surveyed January 30, 2019.

T103 to be repaired under Project No. T-103-00-00-X010-Channel Rehabilitation.

Repairs should be initiated starting in October 2019.

REUSE SYSTEM

Project ready to advertise when required.

SECURITY

Please find attached proposal from NCS of Texas to install a total of \$9,550.65. Proposal includes 3 cameras to scan the main gate, regular building entrance, and southwest quadrant of the plant to include the emergency generator and the gate for the remote well.
(Reference attached proposal).

HARVEY CHARGES

Our new Grant Coordinator in PA Recovery is Alexis Scayola.

FEMA has provided HCM 81 with a letter closing out the referral for the East Siphon Manhole project – PW 00912. Reference attached letter from FEMA.

The table below details the amounts paid by FEMA for Hurricane Harvey damages:

Project	Amount Paid by FEMA	Date of Payment
Composite Sampler Flow meter	\$12,155.08	Aug. 9, 2018
Recycle Sludge Pumps	\$105,816.46	Sept. 20, 2018
Plant Monitoring Waste Hauls	\$30,339.82	Oct. 12, 2018
Siphon Manhole Repair	\$238,251.60	Mar. 15, 2019
Subtotal	\$386,562.96	
Direct Administrative Costs	\$21,540.67	Pending
Total	\$408,103.63	

BGE received an email from FEMA apparently questioning the procurement process with regards to BGE executing engineering duties with respect to the Direct Administrative Costs associated with hurricane Harvey damages to the Cinco WWTP Plant and siphon manhole (Reference attached email and response).

BGE also received notification that applications for damage claims for event 4332DR (ie hurricane Harvey) expired on February 25th, 2019. BGE contacted Renee Devereaux of CohnReznick concerning this notification. No action required (reference attached email).

POWER CONSUMPTION

In 2007 the WWTP transitioned from Coarse Bubble Diffusers to Fine Bubble Diffusers. Please find attached spreadsheet delineating the electrical costs for the WWTP from 2004 through 2017.

The total savings since 2008 is ~ \$641,356.01; \$58,305.09 per year.

Cost for the Fine Bubble Diffusers was \$330,000.00; 5.66 year payback period.

BGE investigated retrofitting the WWTP with an EnviroMix System that periodically pulses process air into the basins to take care of mixing requirements while the process air to Fine Bubble Diffusers is reduced. The payback period was 11+ years – not worth pursuing.

Would recommend a variable frequency drive (VFD) be installed to vary the output of one blower. The normal operation would be one (1) blower running at 75% capacity and one (1) blower being run at a more reduced rate.

We installed a VFD on Blower No. 1 to reduce electrical use and to supplement required process air. The normal operation of the plant is to have one (1) blower running at capacity and throttle another blower so as to not over aerate the aeration basins.

As it runs out (via school of **Hard Knocks**) the only practical way to utilize 1 ½ blowers is to have at least two (2) blowers equipped with VFD drives. With one blower running at capacity the pressure on the process air distribution system does not really allow air from the second blower (controlled by a VFD) until it is at almost 100% of frequency range; thereby negating (or severely reducing) electrical savings.

TO rectify this situation BGE recommends installing a second VFD to control a second blower and run these blowers concurrently when process air requirements at the Plant are reduced to maximize electricity savings.

The cost to supply a second VFD is \$24,897.00.

Power savings per year would be in the range of \$22,900.00 to \$18,300.00.

Cost to supply and install both VFDs is approximately \$50,000.00; pay back should be approximately 2 to 3 years.



Cinco Regional Wastewater Treatment Plant Running Average Comparison

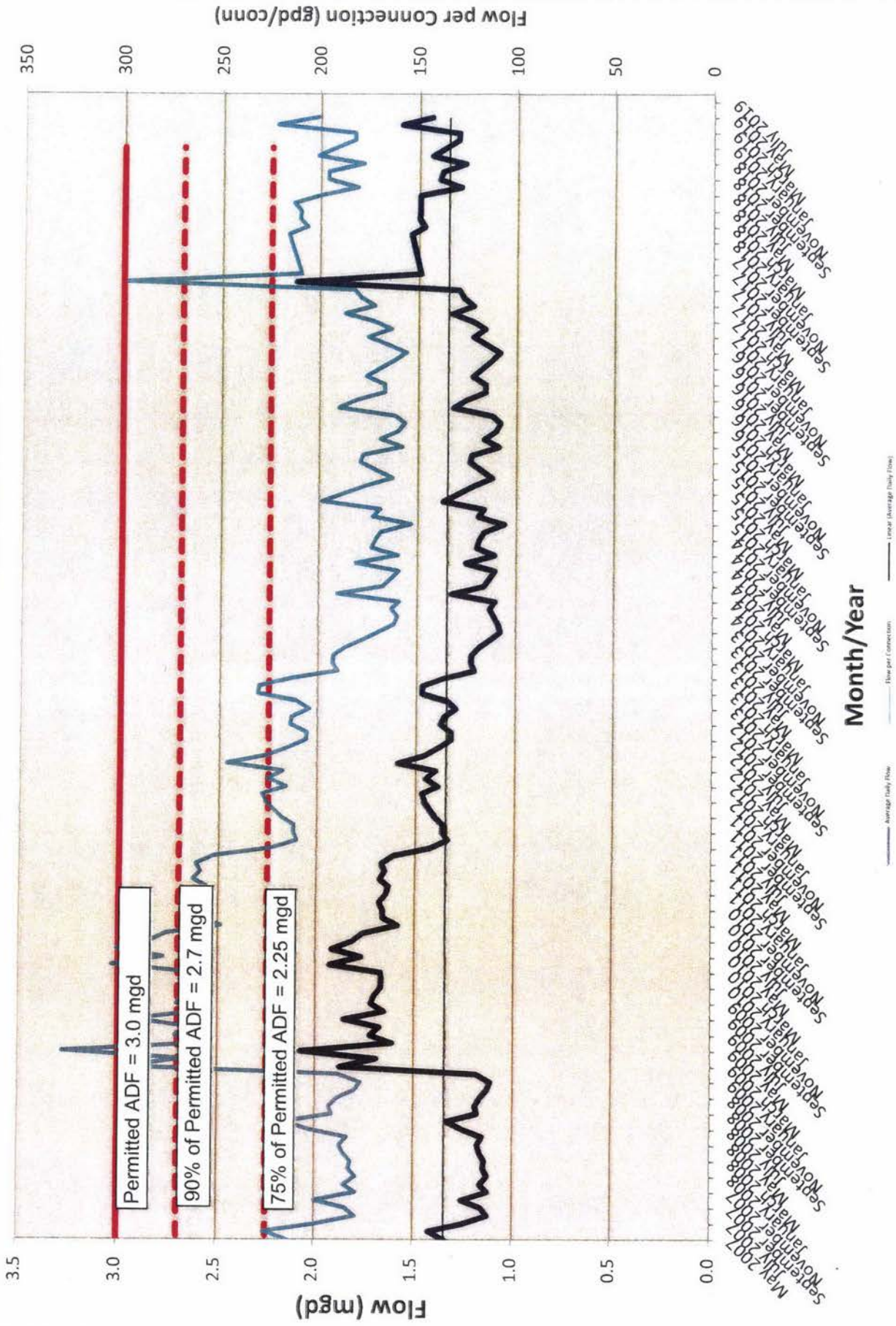
Month	Active Equivalent Single Family Connections			Total Active ESFC	ADF (gpd)	ADF per ESFC (gpd)	Percent of Permitted Capacity	Rainfall Max. (in.)	Rainfall Total (in.)
	Memorial	HC MUD 81	District Cornerstones						
January 2018	2290	1268	2005	7111	1,457,000	205	49%	1.00	2.00
February 2018	2290	1268	2005	7111	1,537,000	216	51%	2.25	4.50
March 2018	2328	1268	1976	7119	1,471,000	207	49%	4.00	4.00
April 2018	2328	1268	1976	7119	1,498,000	210	50%	1.25	2.25
May 2018	2328	1268	1976	7119	1,495,000	210	50%	1.00	2.50
June 2018	2328	1268	1976	7119	1,520,000	214	51%	1.75	5.50
July 2018	2328	1268	1976	7119	1,424,000	200	47%	1.75	3.75
August 2018	2328	1268	1976	7119	1,289,000	181	43%	1.75	1.75
September 2018	2328	1268	1977	7120	1,396,000	196	47%	1.25	7.25
October 2018	2328	1268	1977	7120	1,396,000	196	47%	1.25	9.50
November 2018	2328	1268	1979	7122	1,269,000	178	42%	1.25	0.60
December 2018	2328	1268	1979	7122	1,434,000	201	48%	4.00	10.75
January 2019	2328	1266	1979	7119	1,370,000	192	46%	4.00	10.75
February 2019	2341	1266	1986	7141	1,305,000	183	44%	1.50	5.50
March 2019	2341	1266	1984	7133	1,303,000	183	43%	1.50	5.50
April 2019	2341	1266	1984	7135	1,587,000	222	53%	1.75	4.00
May 2019	2341	1266	1984	7135	1,438,000	202	48%	4.25	9.00
June 2019	2341	1266	1984	7135	1,352,000	189	45%	4.25	7.00
July 2019	2341	1266	1984	7135	1,261,000	177	42%	0.25	0.25
August 2019	2341	1266	1984	7134	1,312,000	184	44%	1.50	2.75
				Annual Average		200			44.75 for 2019

TCEQ Benchmarks

75% 2,250,000 Begin planning and securing financing
90% 2,700,000 Begin construction

*Adjusted connection counts per BGE and SWWC Resources

Cinco Regional WWTP - Historical Flow Data





NCS Security License # B14032

September 11, 2019

To: Cinco Regional Waste Water Plant
Katy, Tx

Attn: Doug Baker

Project:

MUD 81 Cinco Regional Waste Water Treatment Plant – Camera quote

NCS Quote #: HC-19-042

On behalf of Network Cabling Services, I would like to personally thank you for considering NCS for this project. We appreciate the opportunity to present this proposal addressing your Security needs and we are confident the solution(s) provided is both comprehensive and customized to meet your needs as requested.

The following security proposal was designed utilizing information gathered during site visit with customer and information provided.

As your point of contact for this proposal, please feel free to contact me with any additional questions or concerns you may have regarding this quote. Once again, Thank You for considering NCS as your Security partner and allowing us the opportunity to provide you with this proposal.

Sincerely,

CuBrail Hendricks

CuBrail Hendricks
Security Systems Engineer
Cell: 281-414-2825
chendricks@ncs-tx.com

Please send signed proposals and/or PO's to:
security@ncs-tx.com

Houston • Corpus • Dallas
8233 Leopard St Building 6 • Corpus Christi, TX 78409
281-484-1777

**1. PRICING SUMMARY: Surveillance System**

Materials	\$7,654.40
Labor	\$1,896.25
Tax/Bonds	Not Included
Total Cost	\$9,550.65

*if p&p bond is needed, please add \$0

1. SCOPE OF WORK: Surveillance System

1. NCS will provide and install all devices noted on the Bill of Material.
2. NCS will provide and install an Exacq server inside of the existing building with a climate controlled room.
3. NCS will provide POE switch to power the camera and transmit video to the video server.
4. NCS will provide cables to each camera from the POE switch.
5. The customer will be responsible for providing power at equipment's location (TBD).
6. Customer will provide access to technical support personnel for any programming information needed to configure system on the customer's network.
7. Customer will provide internet/network with an available port to provide connection for the server to be placed on customer's network for remote connection.

2. BILL OF MATERIALS: Surveillance System

QTY	UNIT	DESCRIPTION	PART NUMBER
1	EA	Exacq NVR 2TB	IP04-02T-ELP
1	EA	POE Switch	ES-8-150W
1	EA	Wall Rack mount	119-5028
1	EA	Hanwha 4mp Bullet	QNO-7080R
1	EA	Backbox for bullet camera	SBO-100B1
2	EA	8MP Multisensor camera	PNM-9080VQ
2	EA	Pendant Adapter	SBP-329HM
2	EA	Wall Mount Adapter	SBP-300WM
2	EA	Corner mount	SBP-300KM
2	EA	Backbox for Multisensor camera	SBP-300NB
3	EA	POE Surge Protector	DTK-MRJPOE
1	EA	Cable	556600

2. QUALIFICATIONS AND ASSUMPTIONS:

- NCS has based this proposal on normal working hours, 7:00 am to 5:00 pm, Monday through Friday, excluding holidays. Over-time is not included in this proposal.
- NCS assumes that proper access will be available during working hours to complete the proposal scope of this project.
- Any changes or additions to the Scope of Work or the Bill of Materials shall be executed in writing as a change order. Verbal instructions to field technicians do not authorize changes to the scope of work.
- NCS cannot be held responsible for the condition of any existing copper/fiber optic cables or conduits that may be utilized for this project.
- Due to the volatility in the current communications cabling market, the pricing contained in this proposal is valid for 30 days. Pricing adjustments may be necessary prior to beginning the project.
- NCS has not included pricing for participation in a composite cleaning crew. If this is required an additional price can be given.
- NCS will not be responsible for any delays or associated charges due to manufacturer's defects or late delivery of cable and/or equipment that is directly specified or ordered and provided by the customer.
- NCS assumes all core holes, conduits, poke through devices, raised floor boxes, plywood backboards, ground bus bar cabling to main bus and back boxes either exist or will be provided by others.
- The cost for taxes or bonding has not been included in the proposed price. If taxes or bonding cost are required an additional add price can be given.
- This proposal does not include electrical services or electronic components or labor to move or install network equipment.
- Proposal does not include network electronics such as uninterrupted power supplies (UPS), power distribution units (PDU) and wireless access points (WAP).
- Proposal does not provide IT services such as hardware configuration and/or software loading.
- NCS has not included pricing for any "BIM" or 3D Modeling Services that may be required for this project.
- This proposal does not include Service Provider Cabling, Nurse Call Systems and Cabling, Phone Systems, Network Hardware or Telemetry Cabling.
- NCS assumes that a secure staging area will be provided at no charge for the storage of equipment such as materials and tools.
- The pricing in this proposal includes a 4% discount for cash, check, or ACH payments.
- This proposal does not include requirements for the payment of Prevailing Wages, Davis Bacon Wages, Walsh-Healy Wages, Contract Service Act Wages or any other predetermined or prevailing wages or fringe benefits. In the event there is a requirement for the payment of specific wages and/or fringe benefits, the difference between such specific wages and/or benefits and the actual wages and/or benefits paid, plus NCS's normal mark-up for overhead and profit shall be an extra cost added to this proposal.
- A One Year Network Cabling Services Workmanship Warranty will be issued on all installed materials from the date of acceptance.



3. STANDARD TERMS AND CONDITIONS:

1. Engagement of Services

Once work is authorized by the customer, Network Cabling Services is committed to certain "ramp up" expenses, both direct and indirect (i.e., specific training, travel, special tools, materials, project management, etc.) which are generally priced into the entire scope of the project. If the project is canceled, delayed, terminated or significantly changed through no fault of Network Cabling Services, these expenses will be due and payable to Network Cabling Services on a pro-rate basis. Any request for reimbursement of these expenses will be itemized and defined.

2. Changes to Scope of Work

Network Cabling Services will notify the customer if there is a material change, scheduling change, or construction delay beyond the scope of work and no fault of Network Cabling Services requiring Network Cabling Services to expend more monies budgeted. The customer agrees to pay Network Cabling Services for such expenses plus reasonable profit and overhead if the customer desires to continue under the changed Scope of Work.

3. Permits and Taxes

Permits are not included unless specifically noted otherwise. Permits, inspection fees, drawings, etc., will be provided by Network Cabling Services at the cost of obtaining them. Taxes are not included in the proposal price unless specifically noted otherwise.

4. Network Cabling Services Employees

The customer agrees that it shall not hire any employee of Network Cabling Services who is currently working on a project for the customer, or any employee of Network Cabling Services who has worked on a project for the customer within the last twelve months. The customer further agrees not to hire any former Network Cabling Services employee that performed any work on a project for the customer at any time within the prior twelve months. The customer agrees and understands that this provision is necessary so that Network Cabling Services can protect its investment of time and money in its employees, as well as any confidential or proprietary information known by its employees.

5. Payment Terms

Standard payment terms are net due in ten days from invoice date unless stated differently in the above proposal. A service charge may be charged on all past due amounts. Amounts will be considered past due 30 days after date of invoice. You may avoid a service charge or additional service charges upon payment at any time of the unpaid balance.

6. Warranty

All installation work will meet or exceed all NEC, Federal, State and local codes that may apply. No performance warranty will be issued by Network Cabling Services. A one-year workmanship warranty will be issued on all installed materials from the date of acceptance.

7. Indemnity

The customer agrees to defend and indemnify Network Cabling Services from any and all third party claims, demands, actions, lawsuits liability, damages and/or costs, including reasonable attorney's fees and expert fees, arising out of or relating to Network Cabling Services work under this agreement or the Scope of Work under this agreement, regardless of the cause, including active or passive negligence of Network Cabling Services, the customer, or others, unless such claim, demand, action, lawsuit, liability, damage or cost is caused by the sole negligence of Network Cabling Services.

8. Attorney Fees

If Network Cabling Services is required to hire attorneys to collect amounts owed under this agreement, the customer agrees to reimburse Network Cabling Services for all attorneys' fees, expert fees and other legal expenses that it may incur to collect such amount.

9. Incorporation by Reference

Unless expressly agreed in writing otherwise, these Standard Terms and Conditions are a part of and hereby incorporated by reference, all proposals submitted by Network Cabling Services to the customer and any Credit Agreement signed by the customer, and all terms and conditions of any such proposals or Credit Agreements.

By signing this proposal the signators of this agreement warrant that they have the authority to enter into this contract and that they have read the above Standard Terms and Conditions and agree to abide by them.

ACCEPTED BY: _____

**4. TERMS:**

The STANDARD TERMS AND CONDITIONS of this proposal apply and are incorporated by reference. The parties agree that all disputes in anyway related to, arising out of, or connected with the sale of goods and/or services provided by Network Cabling Services shall be litigated if at all, exclusively in Harris County, Texas. Furthermore, the parties also agree that Texas law shall govern all such disputes.

The Customer agrees to pay:

_____ Down (For Material Procurement & Mobilization)

 X Monthly Progress Billing

_____ At Completion

Service charges listed below become effective on all accounts 30 days after the invoice date. Charges are computed at the lower of 1.5% per month or the maximum allowed by law.

Notice to Buyer: Do not sign this agreement before you read it in its entirety, or if it contains blank spaces. You are entitled to a copy of the agreement you sign. Keep this agreement to protect your legal rights.

Respectfully Submitted By:

Network Cabling Services, Inc.

Authorized Signature:

CuBrail Hendricks

Print Name:

CuBrail Hendricks, Security Design Engineer

Date:

September 11, 2019

Accepted By:

Authorized Signature:

Print Name:

Date:

Doug Baker

From: Renee Devereaux <Renee.Devereaux@CohnReznick.com>
Sent: Friday, September 6, 2019 1:14 PM
To: Doug Baker
Subject: RE: FEMA PA Notification - EXPIRED PROJECTS DEADLINE - Harris County Municipal Utility District #81 (201-UPP5G-00) (4332DR)

Hi Doug,

All the projects for this applicant are closed or in closeout process. There should not be anything else for you to do.

Thank you,

Renee Devereaux
External Consultant
Govt & Public Sector Advisory
CohnReznick Advisory
Renee.Devereaux@CohnReznick.com



CELEBRATING 100 YEARS
MOVING FORWARD. GIVING BACK.

CohnReznick LLP

The information contained herein (or in any attachment) is not intended to be used by any taxpayer for the purpose of avoiding any penalties that a taxing authority might impose on the taxpayer or for the promoting, marketing or recommending to another party any tax related matters.

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-----Original Message-----

From: Doug Baker <DBaker@bgeinc.com>
Sent: Thursday, September 5, 2019 12:27 PM
To: Renee Devereaux <Renee.Devereaux@CohnReznick.com>
Subject: FW: FEMA PA Notification - EXPIRED PROJECTS DEADLINE - Harris County Municipal Utility District #81 (201-UPP5G-00) (4332DR)

Ms. Devereaux;

Do I need to do anything based on the email below?

Thanks

-----Original Message-----

From: support.pagrants@fema.gov <support.pagrants@fema.gov>
Sent: Friday, August 23, 2019 11:09 PM
To: Doug Baker <DBaker@bgeinc.com>
Subject: FEMA PA Notification - EXPIRED PROJECTS DEADLINE - Harris County Municipal Utility District #81 (201-UPP5G-00) (4332DR)

Hello Douglas,

This is a notification to make you aware that the period of performance for the below projects for your application to event 4332DR expired on Monday, February 25th, 2019. Only allowable costs incurred during the period of performance may be charged to the Federal award, in accordance with 2 CFR §200.309. Consult with your Public Assistance point of contact for any program related questions.

An extension to the latest approved deadline may be submitted. Project deadline extensions beyond the Recipient's authority shall be submitted along with 1. Dates and provisions of all previous time extensions on the project; and 2. a detailed justification for the delay and a projected completion date, according to 44 CFR §206.204(d). Submission of project documentation for project closeout is due to Texas Division of Emergency Management (000-U007C-00) within 90 days of project completion or period of performance expiration.

Please click here to log in to your Grants Portal Account to submit a time extension.

<[>](https://urldefense.proofpoint.com/v2/url?u=https-3A__grantee.fema.gov&d=DwlGaQ&c=KBjsDEU3Vkc2kjjEgSLzh51aHDZbCUJnca_9iO4XV0M&r=3vIxxk1Qdxz91pTgKcyQigYQB9wq8EMKONn5_P08RrIY&m=DcB2K6I_vV3mwfMRhWRUTWFZjDFnLjgUMbv0c5nNm48&s=bPn8U68YQ0HtHjLeQ4IhxcUleMiT3M081WZsVYrFs88&e=)

Projects Expired On Monday, February 25th, 2019

* [10521] CINCO Regional Waste Water Treatment Plant Replace pump motors, belts and service the equipment. - Monday, February 25th, 2019

* [10621] CINCO Regional Waste Water treatment plant composite sampler replacement. - Monday, February 25th, 2019

* [19866] East Siphon Manhole - Monday, February 25th, 2019

If you require assistance with the FEMA Grants Portal, please contact FEMA's Grant Portal help desk by phone at (866) 337-8448 or by email at FEMA-PA-Grants@fema.dhs.gov <<mailto:FEMA-PA-Grants@fema.dhs.gov>> .

-FEMA PA Support Team

FEMA-PA-Grants@fema.dhs.gov <<mailto:FEMA-PA-Grants@fema.dhs.gov>>

Doug Baker

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Please click here to log in to your Grants Portal Account to submit a time extension. <<https://grantee.fema.gov>>

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-FEMA PA Support Team

FEMA-PA-Grants@fema.dhs.gov <<mailto:FEMA-PA-Grants@fema.dhs.gov>>
<https://grantee.fema.gov>

Doug Baker

From: Doug Baker
Sent: Thursday, September 5, 2019 11:27 AM
To: Honu Duong; kcannon@abhr.com; mlutz@mclennanandassoc.com; Katie Carner
Cc: Renee Devereaux; michelle.ellis@dps.texas.gov; Alexis.Scayola@dps.texas.gov
Subject: RE: DR-4332 | Harris County MUD #81 | PW 3516 | DAC Documentation
Attachments: 20190904 - Texas Professional Engineering Rules and Regulations.pdf; 20190904 - Professional Engineering Services Contract.pdf; 20190904 - Timesheets - Douglas W. Baker.pdf; 20190905 - HCM 81 Meeting Minutes - Nov. 20, 2003.pdf; 20190905 - HCM 81 Meeting Minutes - Dec. 10, 2003.pdf; 20190905 - HCM 81 Meeting Minutes - Dec. 18, 2003.pdf

Dear Honu Duong;

1. How was BGE **procured** (what kind of advertising took place?) and why Harris County decided to choose BGE over other options (cheapest price, best overall quality, etc.).

Reply – In October/November of 2003, the Harris County Municipal Utility District No. 81 (the District) interviewed a number of engineering firms for the position of District Engineer. In the State of Texas, under the Texas Engineering Practice Act and Rules Concerning the Practice of Engineering and Professional Engineering Licensure (attached for your convenience), Subchapter C: Professional Conduct and Ethics, §137.53 Engineer Standards of Compliance with Professional Services Procurement Act, Professional Engineering Firms can only be selected based on the qualifications of said Professional Engineering Firms; competitive bidding for engineering services is expressly forbidden in the State of Texas.

In other words competency over cheapest price. Professional Engineers in the State of Texas are entrusted to protect the health, safety, property, and welfare of the public in the practice of professional engineering. Out of six (6) separate professional engineering firms evaluated; two (2) professional engineering firms were interviewed; BGE (Formerly Brown & Gay Engineers Inc.) was chosen by the District to be their (the District's) engineer of record. BGE has executed the duties as the District's Engineer since January 2004. Reference attached meeting minutes from the District.

When Hurricane Harvey struck the facilities associated with the District, the District instructed their District Engineer, BGE Inc., to execute assigned duties to get all of the affected facilities back in working order as soon as practical.

2. The **rates** that were agreed upon between BGE and Harris County (some sort of **contract** that states for example: Engineer 1 gets paid \$120/hour") that way we can verify that the rates from the contract match what is being invoiced and claimed.

Reply – Per the Professional Engineering Services Agreement (attached for your convenience), page 19, Exhibit A Rate Schedule for Consulting Engineering Services, the amount of compensation for hourly consulting services is well defined.

3. Doug's timesheets for invoices #9-170785 and #12-170969 that shows a breakdown of his claimed hours and the activity done during those hours (see picture below).

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 81
CINCO REGIONAL WASTE WATER TREATMENT PLANT
HURRICANE HARVEY
EVENT NO. 4332
PROJECT NO. 108314 - DIRECT ADMINISTRATIVE COSTS

Harris County MUD No. 81

Invoice No.	Invoice Date	Hours	Rate (\$/Hr)	Total
9-170785	9/30/2017	6	\$217.18	\$1,303.08
10-170868	10/31/2017	2	\$217.18	\$434.36
11-170726	11/30/2017	0	\$217.18	\$0.00
12-170969	12/31/2017	9	\$220.96	\$1,988.64
1-180907	1/31/2018	9	\$224.99	\$2,024.91
2-180801	2/28/2018	3	\$224.99	\$674.97
3-180891	3/30/2018	3	\$224.99	\$674.97
4-181111	4/30/2018	3	\$224.99	\$674.97
5-180978	5/31/2018	9	\$224.99	\$2,024.91
6-180928	6/30/2018	3	\$224.99	\$674.97
Total Hours		47		\$10,475.78

Need time
sheets for
these 2
invoices

Cinco Regional WWTTP

Invoice No.	Invoice Date	Hours	Rate (\$/Hr)	Total
9-170787	9/30/2017	12	\$217.18	\$2,606.16
10-170869	10/31/2017	12	\$217.18	\$2,606.16
11-170727	11/30/2017	6	\$217.18	\$1,303.08
12-170970	12/31/2017	9	\$224.99	\$1,988.94
1-180908	1/31/2018	3	\$227.85	\$683.47
2-180802	2/28/2018	4	\$224.99	\$1,549.94
3-180892	3/30/2018	13	\$224.99	\$2,924.87
4-181112	4/30/2018	3	\$224.99	\$674.97
5-180979	5/31/2018	6	\$224.99	\$1,349.94
6-180929	6/30/2018	0	\$217.18	\$0.00
Total Hours		87		\$14,847.53
TOTAL				\$29,323.31

Labor Charges Above Reflect Hours Worked By Douglas W. Baker, P.E.

Reply – Please find attached timesheets for the invoices in question.

Should you have any questions or require additional information please contact me.
Regards

From: Honu Duong <Honu.Duong@CohnReznick.com>

Sent: Friday, August 30, 2019 12:05 PM

To: Doug Baker <DBaker@bgeinc.com>; kcannon@abhr.com; mlutz@mclennanandassoc.com

Cc: Renee Devereaux <Renee.Devereaux@CohnReznick.com>; michelle.ellis@dps.texas.gov;
Alexis.Scayola@dps.texas.gov

Subject: FW: DR-4332 | Harris County MUD #81 | PW 3516 | DAC Documentation

Good morning!

So after reviewing the documents that Doug has provided us, we are still pending a few items:

1. How was BGE **procured** (what kind of advertising took place?) and why Harris County decided to choose BGE over other options (cheapest price, best overall quality, etc.).

- The rates that were agreed upon between BGE and Harris County (some sort of contract that states for example: Engineer 1 gets paid \$120/hour") that way we can verify that the rates from the contract match what is being invoiced and claimed.
- Doug's timesheets for invoices #9-170785 and #12-170969 that shows a breakdown of his claimed hours and the activity done during those hours (see picture below).

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 83
CINCO REGIONAL WASTE WATER TREATMENT PLANT
HURRICANE HARVEY
EVENT NO. 4332
PROJECT NO. 108314 - DIRECT ADMINISTRATIVE COSTS

Harris County MUD No. 83

Invoice No.	Invoice Date	Hours	Rate (\$/Hr)	Total
9-170785	9/30/2017	6	\$217.18	\$1,303.08
10-170868	10/31/2017	2	\$217.18	\$434.36
11-170726	11/30/2017	0	\$217.18	\$0.00
12-170969	12/31/2017	9	\$220.96	\$1,988.64
1-180907	1/31/2018	9	\$224.99	\$2,024.91
2-180801	2/28/2018	3	\$224.99	\$674.97
3-180891	3/30/2018	3	\$224.99	\$674.97
4-181111	4/30/2018	3	\$224.99	\$674.97
5-180978	5/31/2018	9	\$224.99	\$2,024.91
6-180928	6/30/2018	3	\$224.99	\$674.97
Total Hours		47		\$10,475.78

Need time
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Cinco Regional WWTTP

Invoice No.	Invoice Date	Hours	Rate (\$/Hr)	Total
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10-170869	10/31/2017	12	\$217.18	\$2,606.16
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3-180892	3/30/2018	13	\$224.99	\$2,924.87
4-181112	4/30/2018	3	\$224.99	\$674.97
5-180979	5/31/2018	6	\$224.99	\$1,349.94
6-180929	6/30/2018	0	\$217.18	\$0.00
Total Hours		67		\$34,847.53
TOTAL				\$25,323.31

Labor Charges Above Reflect Hours Worked By Douglas W. Baker, P.E.

Please let me know if you have any questions. Have a good labor day weekend!

Honu Duong

Government and Public Sector

CohnReznick Advisory

Tel: 737-218-7852

Fax: 512-494-9101

Honu.Duong@CohnReznick.com

CohnReznick LLP

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Employee Labor Detail

Wednesday, September 4, 2019

7:34:48 AM

BGE, Inc.

8/11/2017 through 8/17/2017

	Date	Regular Hours	Overtime Hours	Total Hours
Employee Name: Baker, Douglas				
Project: 00008160-00 Harris County MUD 81- General Services				
Phase: 0050 Repts, Studies				
	8/11/2017	2.00		2.00
	8/17/2017	4.00		4.00
HCM 81 for Cinco Regional WWTP				
Total for 0050		6.00		6.00
Project 00008160-00 Totals		6.00		6.00
Total for Baker, Douglas		6.00		6.00
Final Totals		6.00		6.00

Employee Labor Detail

Wednesday, September 4, 2019

7:45:00 AM

BGE, Inc.

11/15/2017 through 11/16/2017

	Date	Regular Hours	Overtime Hours	Total Hours
Employee Name: Baker, Douglas				
Project: 00008160-00 Harris County MUD 81- General Services				
Phase: 0050 Repts, Studies				
	11/15/2017	1.00		1.00
	11/16/2017	4.00		4.00
	11/16/2017	4.00		4.00
HCM 81 for Cinco				
Total for 0050		9.00		9.00
Project 00008160-00 Totals		9.00		9.00
Total for Baker, Douglas		9.00		9.00
Final Totals		9.00		9.00