

HARRIS COUNTY 55 MUNICIPAL UTILITY DISTRICT

OPERATIONS REPORT AUGUST 2020



**HARRIS COUNTY MUD #55
MANAGEMENT REPORT
SEPTEMBER 15, 2020**

I. CONNECTIONS as of AUGUST 2020

Occupied Single Family	4223
Vacant Single Family	42
Commercial	54
Builder	0
Multi Family	18
Irrigation	41
Rental Meters	1
District Meters	3

TOTAL CONNECTIONS **4382**

II. REPAIRS/MAINTENANCE

WATER DISTRIBUTION

Repairs and maintenance included in the **AUGUST** invoice:

- Performed billing/collection activities and responded to customers calls for service.
- Signal Hill and Fife- Excavated down to main and replaced leaking tapline. Backfilled and cleaned the area.
- 15923 Blue Mesa- Excavated and replaced leaking U-branch. Backfilled and cleaned the area.
- 3702 Summer Cove- Excavated down to mainline and repaired leaking valve. Backfilled and cleaned the area. Replaced concrete and landscaping after the repair.
- 2831 Pilgrims Point- Excavated down to main and replaced leaking tapline. Backfilled and cleaned the area. Replaced landscaping after the repair.
- Subcontractor inspected all hydrants and replaced any missing reflectors within the district.
- Replaced 51 meters over 1 million per the meter change out program.
- Fire Station- Performed preventive maintenance on generator. (Base fee)
- 3714 Norwood Glen- Washed down area after waterline repairs.

SANITARY SEWER COLLECTION

Repairs and maintenance included in the **AUGUST** invoice:

- 2203 Pilgrims Point- Jettied line to clear blockage. Televised line and found issue on the homeowner's side.
- 2310 Heritage Bend- Jettied line to clear blockage.
- 2906 Early Turn Dr- Replaced landscaping after sanitary repair.

STORM SEWER

Repairs and maintenance included in the **AUGUST** invoice:

- Nothing to report.

LIFT STATION

Repairs and maintenance included in the **AUGUST** invoice:

- Signal Hill L3- Found generator unable to start. Called out subcontractor to diagnose and found control board had failed. Installed new control board and put back online.
- Signal Hill L3- Found pump #2 short cycling. Replaced starter that was failing and control transformer. Tested and put back online.
- St Lawrence L1, Blue Mesa L2- Performed preventive maintenance on generator. (Base fee)
- Signal Hill L3- Vactor cleaned out wet well. (Base fee)

WATER PLANT

Repairs and maintenance included in the **AUGUST** invoice:

- Fife Ln W1- Purchased and installed surge arrestor on the emergency power line.
- Fife Ln W1- Purchased and installed LED fixtures in control room as existing lights had failed.

Requested Board Action

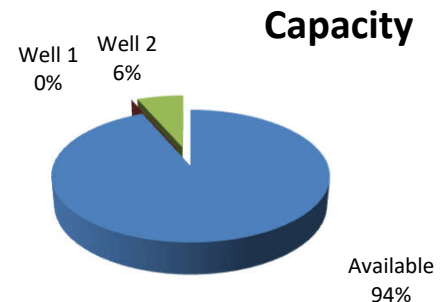
- Nothing to request.

HARRIS COUNTY MUNICIPAL UTILITY DISTRICT #55 PRODUCTION REPORT - JULY 2020

PUMPAGE X 1,000 GALS								
Date	Well 1	Well 2	Total	Capacity	Purch	From	Sold	To
1	0	309	309	7.1%	1,230	CoH		
2	0	386	386	8.8%	1,350	CoH		
3	0	411	411	9.4%	1,390	CoH		
4	0	527	527	12.1%	1,006	CoH		
5	0	341	341	7.8%	487	CoH		
6	0	277	277	6.3%	1,236	CoH		
7	0	286	286	6.5%	1,320	CoH		
8	9	468	477	10.9%	918	CoH		
9	0	421	421	9.6%	1,086	CoH		
10	0	690	690	15.8%	1,311	CoH		
11	0	507	507	11.6%	1,050	CoH		
12	0	421	421	9.6%	1,016	CoH		
13	0	248	248	5.7%	1,056	CoH		
14	0	326	326	7.5%	1,050	CoH		
15	0	434	434	9.9%	1,180	CoH		
16	52	365	417	9.5%	1,020	CoH		
17	0	88	88	2.0%	1,130	CoH		
18	0	251	251	5.7%	1,050	CoH		
19	0	316	316	7.2%	1,110	CoH		
20	0	145	145	3.3%	1,003	CoH		
21	0	231	231	5.3%	1,211	CoH		
22	0	137	137	3.1%	1,001	CoH		
23	0	251	251	5.7%	1,116	CoH		
24	0	113	113	2.6%	1,018	CoH		
25	0	113	113	2.6%	1,006	CoH		
26	0	200	200	4.6%	1,133	CoH		
27	0	134	134	3.1%	938	CoH		
28	0	111	111	2.5%	1,059	CoH		
29	0	97	97	2.2%	1,001	CoH		
30	0	117	117	2.7%	955	CoH		
31	0	0	0	0.0%	1,954	CoH		
TOTAL:	61	8,721	8,782		34,391			

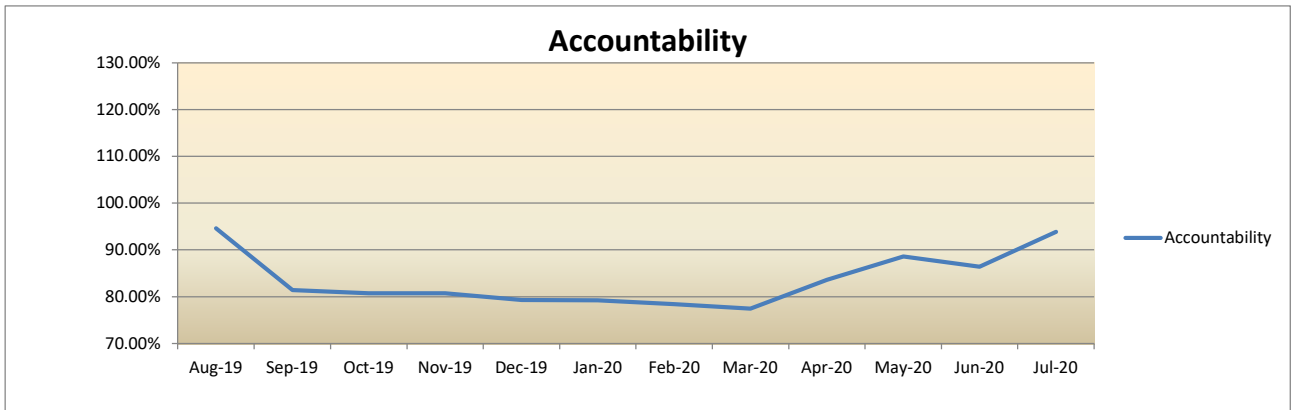
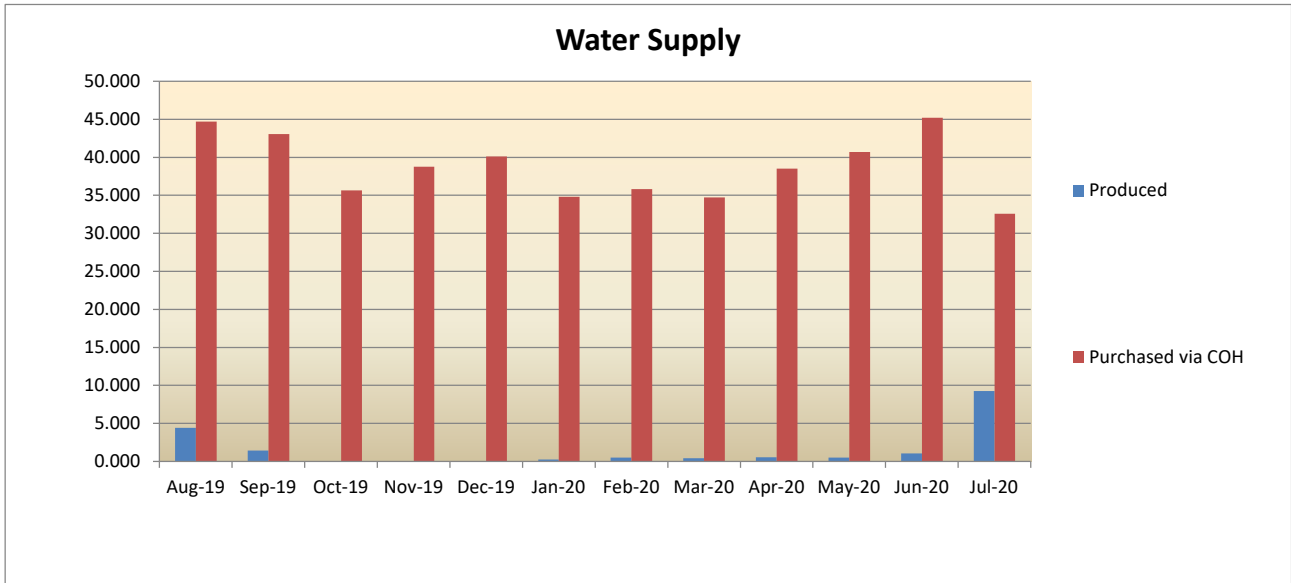
PERMIT	1/1/20 - 12/31/20	WELLS	CITY	% PERMIT	% GW
85,000	x 1,000 gallons	13,234	264,369	16%	5%

WATER WELL #	PRODUCT TEST	GPM	DAILY CAPACITY
1	1/10/20	1511	2,176
2	1/13/20	1523	2,193
TOTAL			4,369



HARRIS COUNTY MUD 55

Billing Period	Produced	Purchased via		Metered	Water Sold via		Repairs	Accountability	Four month average
		COH	Total Supplied		I/C	Unmetered			
07/25/19 - 08/23/19	4.432	44.717	49.149	35.914	0.000	10.577	0.000	94.59%	84.24%
08/24/19 - 09/24/19	1.445	43.052	44.497	35.659	0.000	0.553	0.000	81.38%	84.52%
09/25/19 - 10/22/19	0.052	35.659	35.711	28.228	0.000	0.609	0.000	80.75%	84.43%
10/23/19 - 11/23/19	0.000	38.783	38.783	30.597	0.000	0.716	0.000	80.74%	84.37%
11/24/19 - 12/26/19	0.006	40.126	40.132	31.203	0.000	0.605	0.000	79.26%	80.53%
12/27/19 - 01/24/20	0.252	34.825	35.077	27.104	0.000	0.688	0.000	79.23%	79.99%
01/25/20 - 02/24/20	0.478	35.801	36.279	27.959	0.000	0.493	0.000	78.43%	79.41%
02/25/20 - 03/23/20	0.401	34.740	35.141	26.615	0.000	0.557	0.052	77.47%	78.60%
03/24/20 - 04/22/20	0.530	38.500	39.030	31.436	0.000	0.763	0.431	83.60%	79.68%
04/23/20 - 05/22/20	0.483	40.710	41.193	33.239	0.000	1.141	2.118	88.60%	82.03%
05/23/20 - 06/24/20	1.046	45.211	46.257	37.435	0.000	0.850	1.692	86.42%	84.02%
06/25/20 - 07/24/20	9.274	32.597	41.871	35.135	0.000	0.525	3.636	93.85%	88.12%



HARRIS COUNTY MUD 55

AUGUST 2020

OPERATIONS CHARGES

1. Operations Fees	\$28,768.85
2. Builder Services	\$286.48
3. Administrative Services	\$5,972.75
4. Lift Station	\$5,849.55
5. Sanitary Sewer Collection	\$2,859.51
6. Water Distribution	\$21,462.76
7. Water Well	\$9,012.86
8. Valve Survey Repairs	\$0.00
9. Storm Sewer	<u>\$0.00</u>
TOTAL OPERATION CHARGES	\$74,212.76

CUSTOMER BILLING REPORT

HARRIS COUNTY MUD #55

METER READ DATE: JULY 25, 2020 - AUGUST 24, 2020

TOTAL USAGE BILLED:	33,926,000 GALLONS
AVERAGE USAGE PER CONNECTION:	7,818 GALLONS

TOTAL AMOUNT BILLED

WATER:	\$52,771.85
SEWER:	\$94,333.17
LAW ENF FEE:	\$24,844.27
SERVICE CHARGE:	\$144,716.50
FIRE:	\$49,944.76
EMS FEE:	\$24,984.05
DEPOSIT:	\$3,525.00
TRANSFER FEE:	\$1,175.00
MISC:	\$0.00

TOTAL CURRENT CHARGES:	\$396,294.60
TOTAL PENALTIES BILLED:	\$10,079.40

AGED RECEIVABLES

30 DAYS:	\$53,842.67
60 DAYS:	\$7,677.47
90 DAYS:	\$2,849.80
120 DAYS:	\$4,279.56
LESS APPLIED OVERPAYMENTS:	-\$12,751.36

TOTAL AGED RECEIVABLES:	\$55,898.14
CREDIT BALANCE FORWARD:	-\$13,280.56

TOTAL AGED RECEIVABLES:	\$42,617.58
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DEPOSIT LIABILITY:	\$273,415.35
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AUGUST 2020 Customer Billing/JULY 2020 Client Billing

PASS THRU ITEM	Billed to District		Billed to Customers		Collected From Customers	
	Number	Amount	Number	Amount	Collected	Adjustment
Delinquent Letter	356	\$2,136.00	356	\$3,560.00	\$4,801.07	
Door Tag - Delinquency	59	\$975.07	55	\$1,375.00	\$2,164.35	
Disconnect - Delinquency	24	\$527.52	20	\$1,300.00	\$678.12	
Meter Removed - Delinquency	0	\$0.00	0	\$0.00	\$0.00	
Transfer Fee	47	\$1,294.85	47	\$1,175.00	\$1,100.00	
NSF Check	5	\$82.65	4	\$140.00	\$83.13	

RECAP (END OF BILLING CYCLE)

***** CLOSEOUT REPORT (AFTER CALCULATE) *****

Billing Period From 08/01/2020 To 09/01/2020

DESCRIPTION	ADJUSTMENTS		PAYMENTS DISTRIBUTION		CHARGES		
	LAST MONTHS RECEIVABLE	JUL ADJUSTMENTS	PRIOR OVERPAY DISTRIBUTION	JUL PAYMENT DISTRIBUTION	AUG NEW CHARGES	AUG CURRENT BILLING	AUG TOTAL RECEIVABLE
PENALTY	6,873.38	80.98-	.00	13,813.00-	10,079.40	.00	3,058.80
WATER	68,141.35	712.77-	509.19-	60,893.10-	.00	52,771.85	58,798.14
SEWER	125,500.58	1,131.65-	806.57-	111,526.15-	.00	94,333.17	106,369.38
LAW ENF	33,400.11	307.30-	235.83-	24,795.45-	.00	24,844.27	32,905.80
SERVICE	181,151.50	1,428.02-	2,255.95-	164,679.59-	.00	144,716.50	157,504.44
FIRE	63,097.82	539.26-	480.41-	56,521.05-	.00	49,944.76	55,501.86
EMS FEE	32,014.61	329.73-	252.86-	26,587.11-	.00	24,984.05	29,828.96
DEPOSIT	4,358.50	.00	.00	3,608.50-	.00	3,525.00	4,275.00
TRANSFER	1,625.00	50.00-	.00	1,100.00-	.00	1,175.00	1,650.00
MISCELLA	4,865.77	5,361.26	.00	7,926.67-	.00	.00	2,300.36
SUBTOTAL	521,028.62	781.55	4,540.81-	471,450.62-	10,079.40	396,294.60	452,192.74
UNDISTRIBUTED OVERPAYMENTS	11,999.11-		7,458.30-	5,822.26-			13,280.56-
TOTALS	509,029.51	781.55	11,999.11-	477,272.88-	10,079.40	396,294.60	438,912.18

DEPOSIT RECAP LAST MONTH TOTAL : 273,015.35
 + BILLED THIS MONTH: 3,525.00
 - APPLIED/REFUNDED : 3,125.00
NEW TOTAL -----> 273,415.35

THIS MONTH OVERPAY DISTRIBUTED

 471,450.62 TOTAL PAYMENTS DISTRIBUTED ON END OF BILLING CYCLE RECAP
 463,240.07 TOTAL PAYMENTS DISTRIBUTED ON INTERMEDIATE RECAP

 8,210.55 THIS MONTH OVERPAY DISTRIBUTED

BREAKDOWN OF OVERPAY AT TIME OF CALCULATE

 4,540.81 PRIOR OVERPAY DISTRIBUTED
 7,458.30 PRIOR OVERPAY UNDISTRIBUTED
 8,210.55 THIS MONTH OVERPAY DISTRIBUTED
 5,822.26 THIS MONTH OVERPAY UNDISTRIBUTED

 26,031.92 TOTAL UNDISTRIBUTED OVERPAY FROM INTERMEDIATE RECAP

RECAP (END OF BILLING CYCLE)

***** CLOSEOUT REPORT (AFTER CALCULATE) *****

Billing Period From 08/01/2020 To 09/01/2020

R E C A P F O R M I S C S E R V I C E S

DESCRIPTION	LAST MONTH RECEIVABLE	ADJUSTMENTS	BILLED AMOUNT	PAYMENTS	BALANCE	ITEMS BILLED
METER VAULT TAP						
FIRE TAP FEE						
POST BUILDER INSP FEE						
PRE BUILDER INSPECTION FEE						
COMM CUST SERVICE REINSP FEE						
COMM BACKFLOW REINSP FEE						
RES SEWER INSP FEE						
COMMERCIAL SEWER INSP FEE						
COMM CUST SERVICE INSP FEE						
DESIGN PLAN REVIEW FEE						
BACKCHARGES	284.00-				284.00-	
BACKCHARGE						
IRRIGATION TAP FEE						
COMMERCIAL TAP FEE (> 2")						
TAG DOOR FEE	2,660.00	1,125.00		2,164.35	1,620.65	
NSF CHARGE	218.96-	140.00		83.13	162.09-	
RENTAL METER MONTHLY FEE	200.00			200.00		
COMM BACKFLOW INSP FEE	90.00-				90.00-	
PULL METER FEE	70.00-				70.00-	
RECONNECT METER FEE	195.14	832.26		678.12	349.28	
DELINQUENT LETTER FEE	2,473.59	3,264.00		4,801.07	936.52	
INITIAL GREASE TRAP						
TOTALS =====>	4,865.77	5,361.26	.00	7,926.67	2,300.36	
WRITE OFF ** For Reference Only ** =====>		1,063.74-			1,063.74-	

AGING RECAP

***** CLOSEOUT REPORT (AFTER CALCULATE) *****

Billing Period From 08/01/2020 To 09/01/2020

A R R E A R S B R E A K D O W N

SERVICES	30 DAY ARREARS	60 DAY ARREARS	90 DAY ARREARS	120 DAY ARREARS	PRIOR OVERPAYMENTS	JUL OVERPAYMENTS	TOTAL ARREARS	AUG CURRENT BILL	TOTAL RECEIVABLE
PENALTY	2,713.88	326.88	.00	18.04	.00	.00	3,058.80	.00	3,058.80
WATER	5,494.10	972.50	375.31	647.61	509.19-	954.04-	6,026.29	52,771.85	58,798.14
SEWER	11,411.99	1,601.80	570.34	810.77	806.57-	1,552.12-	12,036.21	94,333.17	106,369.38
LAW ENF	7,625.56	598.01	174.98	285.33	235.83-	386.52-	8,061.53	24,844.27	32,905.80
SERVICE	15,150.85	1,812.66	900.81	1,232.66	2,255.95-	4,053.09-	12,787.94	144,716.50	157,504.44
FIRE	5,432.98	659.84	282.20	486.21	480.41-	823.72-	5,557.10	49,944.76	55,501.86
EMS FEE	4,550.60	522.70	171.16	294.37	252.86-	441.06-	4,844.91	24,984.05	29,828.96
DEPOSIT	675.00	.00	75.00	.00	.00	.00	750.00	3,525.00	4,275.00
TRANSFER	300.00	75.00	50.00	50.00	.00	.00	475.00	1,175.00	1,650.00
MISCELLA	487.71	1,108.08	250.00	454.57	.00	.00	2,300.36	.00	2,300.36
TOTALS	53,842.67	7,677.47	2,849.80	4,279.56	4,540.81-	8,210.55-	55,898.14	396,294.60	452,192.74
UNDISTRIBUTED OVERPAYMENTS					7,458.30-	5,822.26-	13,280.56-		13,280.56-
					TOTAL ARREARS AND OVERPAYMENTS		42,617.58		438,912.18