

Harris County Fresh Water Supply District 61

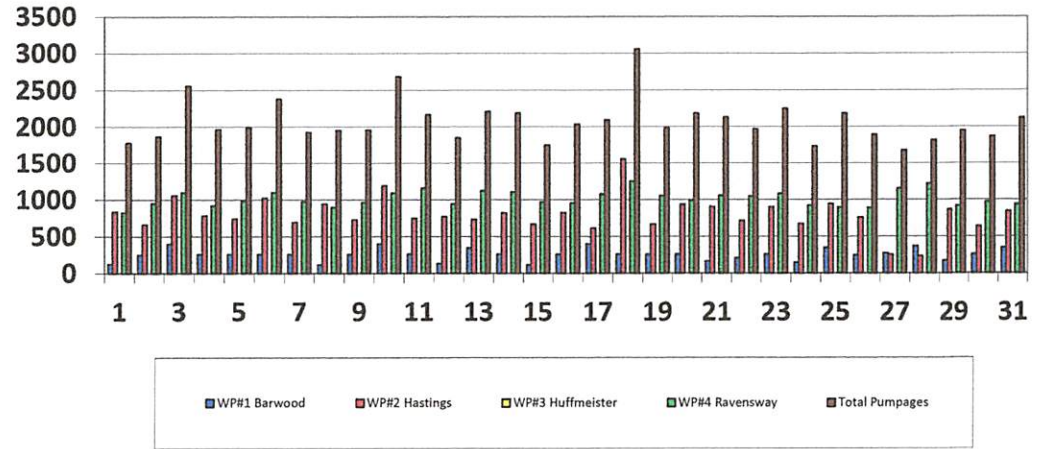
May 2020 - Operations Report

Water Production				
Facility	Gallons	Daily Avg.	YTD Gallons	
Barwood	7,853,000	253,323	39,260,000	
Hastings Green	24,681,000	796,161	104,464,000	
Huffmeister	0	0	9,190,000	
Ravensway	31,509,000	1,016,419	117,369,000	
Total	64,043,000	2,065,903	270,283,000	
Pumped to Billed	57,132,000	Month % 89%	YTD % 95%	
District 61 Connections (Actual - 4058)	8067 - SFE (2016 Projection)			
248 (Actual - 710)	2164 - SFE	SFE's Purchased - 2,500		
Wastewater Treatment				
Facility	Gallons	Daily Avg.	YTD Gallons	
Barwood	17,147,000	553,129	84,875,000	
Hastings Green	57,657,000	1,859,903	280,664,000	
Total	74,804,000	2,413,032	365,539,000	
Rainfall	Month	5.0	Annual	19.2
Distribution and Collection				
20 Bacteriological samples were taken: No coliforms detected.				
	Current Month	Annual		
Meter change out program:	561	2381		
Distribution line leaks:	6	15		
Residential Taps:	0	0		
Commercial Taps:	0	3		
Lift Stations and Treatment Facilities are Operating Normal.				
Continuation of Fire Hydrant Maintenance and Manhole Repair Throughout the District.				
Water Meter Replacement Project is Underway				
Recoating of Huffmeister Water Plant is Underway				
Out of District Use				
User	Current Month	Allocated	Annual Usage	
Emerald Forest	62,000	1,050,000	777,000	
MUD 248	11,848,000	26,250,000	53,434,000	
MUD 69	0	Emergency	0	
Timberlake UD	0	Emergency	0	
MUD 222	0	Emergency	0	
Totals:	11,910,000		54,211,000	
Personnel				
Quarterly Safety Meeting on Hurricane Safety & Preparedness - Completed on 6.17.2020				
July Monthly Safety Meeting on Heat Stress - Scheduled for 7.16.2020				

H.C.F.W.S.D. # 61
WELL PUMPAGES

**	BARWOOD	HASTINGS GREEN	HUFFMEISTER	RAVENSWAY	DAILY TOTALS
DAY	WP#1	WP#2	WP#3	WP#4	X 1000
1	120	835	0	824	1779
2	250	661	0	953	1864
3	398	1059	0	1097	2554
4	256	784	0	920	1960
5	256	740	0	989	1985
6	256	1022	0	1097	2375
7	257	693	0	974	1924
8	114	939	0	896	1949
9	256	730	0	964	1950
10	398	1190	0	1090	2678
11	256	745	0	1160	2161
12	131	770	0	944	1845
13	346	733	0	1125	2204
14	259	819	0	1106	2184
15	114	667	0	967	1748
16	255	823	0	952	2030
17	399	613	0	1076	2088
18	257	1551	0	1249	3057
19	256	667	0	1054	1977
20	257	936	0	984	2177
21	163	901	0	1061	2125
22	207	715	0	1045	1967
23	256	900	0	1085	2241
24	143	669	0	920	1732
25	344	942	0	894	2180
26	244	757	0	888	1889
27	272	250	0	1153	1675
28	366	231	0	1220	1817
29	168	864	0	914	1946
30	256	636	0	971	1863
31	343	839	0	937	2119
TOTALS	7853.000	24681.000	0.000 Plant Off-line	31509.000	64043.000
DAILY AVG	253.323	796.161	0.000	1016.419	2065.903

Well Pumpages May 2020



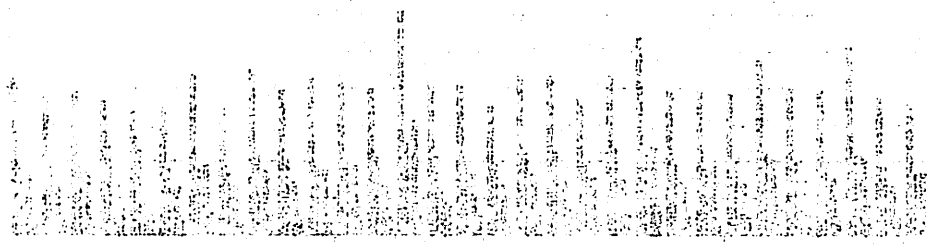
GENERAL DROUGHT MANAGEMENT

Last Update November 2019

% Gallons Per Day

	GPM	GPD	0.90	0.80	0.70	0.60	0.50
Plant #1	1,165	1,677,600	1,509,840	1,342,080	1,174,320	1,006,560	838,800
Plant #2	3,043	4,381,920	3,943,728	3,505,536	3,067,344	2,629,152	2,190,960
Plant #3	1,347	1,939,680	1,745,712	1,551,744	1,357,776	1,163,808	969,840
Plant #4	1,419	2,043,360	1,839,024	1,634,688	1,430,352	1,226,016	1,021,680
TOTALS	6974	10,042,560	9,038,304	8,034,048	7,029,792	6,025,536	5,021,280

Well Pumpages
 May 1970



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

TABLE 1
 PUMPAGE DATA

WELL	DATE	START	STOP	VOLUME	UNIT
010	05/01	06:00	07:00	100	gals
020	05/01	06:00	07:00	150	gals
030	05/01	06:00	07:00	200	gals
040	05/01	06:00	07:00	250	gals
050	05/01	06:00	07:00	300	gals
060	05/01	06:00	07:00	350	gals
070	05/01	06:00	07:00	400	gals
080	05/01	06:00	07:00	450	gals
090	05/01	06:00	07:00	500	gals
100	05/01	06:00	07:00	550	gals
110	05/01	06:00	07:00	600	gals
120	05/01	06:00	07:00	650	gals
130	05/01	06:00	07:00	700	gals
140	05/01	06:00	07:00	750	gals
150	05/01	06:00	07:00	800	gals
160	05/01	06:00	07:00	850	gals
170	05/01	06:00	07:00	900	gals
180	05/01	06:00	07:00	950	gals
190	05/01	06:00	07:00	1000	gals
200	05/01	06:00	07:00	1050	gals

1000
 2000
 3000
 4000
 5000
 6000
 7000
 8000
 9000
 10000

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- **BARWOOD WWTP # 1**
CFI – Performed annual effluent flow meter calibration

- **HASTINGS GREEN WWTP # 2**
CFI – Performed annual effluent flow meter calibration
Loftin Equipment – Performed annual generator maintenance

- **BARWOOD WP # 1**
CFI – Annual CL2 system maintenance
GM Services – Completed 1st round of yearly well performance testing

- **HASTINGS GREEN WP # 2**
CFI – Annual CL2 system maintenance
GM Services – Completed 1st round of yearly well performance testing

- **RAVENSWAY WP # 4**
CFI – Annual CL2 system maintenance
GM Services – Completed 1st round of yearly well performance testing
Loftin Equipment – Performed annual generator maintenance
Corrpro – Annual inspection of cathodic protection system

- **248 HUFFMEISTER LIFT STATION**
Loftin Equipment – Performed annual generator maintenance

- **248 WHITE OAK FALLS LIFT STATION**
Loftin Equipment – Performed annual generator maintenance

- **ELEVATED STORAGE TANK #2**
Corrpro – Annual inspection of cathodic protection system

BAHWOOD WAY 1

CP - Performed annual effluent flow meter calibration

HASTINGS GREEN WAY 2

CP - Performed annual effluent flow meter calibration
Liftin Equipment - Performed annual generator maintenance

BAHWOOD WAY 2

CP - Annual CIL system maintenance
GM Services - Completed 1st round of yearly well performance testing

HASTINGS GREEN WAY 3

CP - Annual CIL system maintenance
GM Services - Completed 2nd round of yearly well performance testing

REVENUEWAY WAY 4

CP - Annual CIL system maintenance
GM Services - Completed 1st round of yearly well performance testing
Liftin Equipment - Performed annual generator maintenance
Corros - Annual inspection of cathodic protection system

218 WURWATER LIFT STATION

Liftin Equipment - Performed annual generator maintenance

202 WHITE OAK FALLS LIFT STATION

Liftin Equipment - Performed annual generator maintenance

ELEVATED STORAGE TANK #1

Corros - Annual inspection of cathodic protection system