

HENDERSON WATER UTILITY
2019-2020 CONSUMPTION DATA - NORTH PLANT

Note: RH obtained the monthly billing analysis from Todd Bowley (CFO).
Note: RH noted the City of Henderson performs all billings and collections for HWU; therefore, RH selected three monthly billings and agree to City of Henderson reports. Refer to green highlights for selected months, which were tied out to WP C.05.

	31 Jul-19	31 Aug-19	30 Sep-19	31 Oct-19	30 Nov-19	31 Dec-19	31 Jan-20	28 Feb-20	31 Mar-20	30 Apr-20	31 May-20	30 Jun-20	TOTAL	AVERAGE
CONSUMPTION COUNT														
RESIDENTIAL	10,333	9,638	9,599	9,621	9,604	9,587	9,552	9,556	9,599	9,526	9,535	9,554	115,704	9,642
APARTMENT	397	353	356	355	358	358	360	359	358	356	357	355	4,322	360
CHURCH & SCHOOL	103	103	103	103	103	103	103	103	103	103	102	102	1,234	103
COMMERCIAL	1,201	1,122	1,144	1,151	1,150	1,145	1,149	1,139	1,146	1,140	1,149	1,146	13,782	1,149
INDUSTRIAL	64	62	62	62	63	63	63	63	63	63	63	63	754	63
FREE	75	75	74	75	75	75	74	73	73	73	73	73	888	74
TOTAL WATER	12,173	11,353	11,338	11,367	11,353	11,331	11,301	11,293	11,342	11,261	11,279	11,293	136,684	11,390
CONSUMPTION CUBIC FEET														
RESIDENTIAL	4,898,813	4,987,784	4,909,121	4,928,228	4,761,854	4,315,491	4,422,896	4,538,499	3,967,339	3,964,755	4,926,917	5,286,755	55,908,452	4,659,038
APARTMENT	1,348,633	1,292,320	1,366,132	1,375,526	1,467,196	1,451,699	1,485,286	1,452,160	1,334,842	1,255,675	1,435,767	1,279,161	16,544,397	1,378,700
CHURCH & SCHOOL	143,582	92,780	151,043	193,966	207,935	119,763	117,204	124,995	100,638	85,809	44,191	54,895	1,436,801	119,733
COMMERCIAL	1,587,347	2,691,413	2,444,275	2,695,019	2,294,272	1,706,901	2,169,038	1,739,278	2,049,013	1,562,744	1,302,141	1,917,644	24,159,086	2,013,257
INDUSTRIAL	5,277,488	6,100,578	5,694,807	5,722,183	6,477,386	5,689,808	5,644,029	5,165,247	5,282,012	5,613,162	4,792,944	4,980,041	66,439,685	5,536,640
FREE	1,541,095	2,129,245	1,615,863	1,593,397	1,976,628	1,350,752	800,181	590,920	406,720	611,123	997,409	1,247,355	14,860,690	1,238,391
HCWD	4,843,163	5,251,774	5,100,180	5,114,751	4,558,507	4,545,272	4,882,147	4,488,592	4,291,279	4,404,878	4,668,033	5,250,536	57,399,112	4,783,259
TOTAL	19,640,121	22,545,894	21,281,421	21,623,071	21,743,778	19,179,686	19,520,782	18,099,691	17,431,843	17,498,146	18,167,402	20,016,387	236,748,223	19,729,019
CONSUMPTION GALLONS														
RESIDENTIAL	36,645,669	37,311,218	36,722,778	36,865,708	35,621,144	32,282,117	33,085,562	33,950,333	29,677,759	29,658,427	36,855,904	39,547,677	418,224,295	34,852,025
APARTMENT	10,088,476	9,667,226	10,219,378	10,289,650	10,975,389	10,859,463	11,110,712	10,862,912	9,985,312	9,393,103	10,740,285	9,568,786	123,760,691	10,313,391
CHURCH & SCHOOL	1,074,068	694,043	1,129,880	1,450,967	1,555,462	895,890	876,747	935,028	752,825	641,898	330,569	410,642	10,748,017	895,668
COMMERCIAL	11,874,180	20,133,168	18,284,445	20,160,145	17,162,349	12,768,507	16,225,535	13,010,707	15,327,682	11,690,137	9,740,692	14,344,978	180,722,524	15,060,210
INDUSTRIAL	39,478,355	45,635,496	42,600,118	42,804,904	48,454,216	42,562,723	42,220,272	38,638,733	39,512,196	41,989,370	35,853,712	37,253,300	497,003,394	41,416,950
FREE	11,528,193	15,927,861	12,087,496	11,919,438	14,786,209	10,104,328	5,985,771	4,420,390	3,042,479	4,571,518	7,461,140	9,330,867	111,165,689	9,263,807
HCWD	36,229,378	39,286,000	38,152,000	38,261,000	34,100,000	34,001,000	36,521,000	33,577,000	32,101,000	32,950,776	34,919,313	39,276,737	429,375,204	35,781,267
TOTAL	146,918,319	168,655,011	159,196,094	161,751,812	162,654,768	143,474,027	146,025,599	135,395,103	130,399,252	130,895,229	135,901,615	149,732,987	1,770,999,814	147,583,318
CONSUMPTION AVG. GALLONS/DAY														
RESIDENTIAL	1,182,118	1,203,588	1,224,093	1,189,216	1,187,371	1,041,359	1,067,276	1,212,512	957,347	988,614	1,188,900	1,318,256	13,760,650	1,146,721
APARTMENT	325,435	311,846	340,646	331,924	365,846	350,305	358,410	387,961	322,107	313,103	346,461	318,960	4,073,004	339,417
CHURCH & SCHOOL	34,647	22,388	37,663	46,805	51,849	28,900	28,282	33,394	24,285	21,397	10,664	13,688	353,961	29,497
COMMERCIAL	383,038	649,457	609,481	650,327	572,078	411,887	523,404	464,668	494,441	389,671	314,216	478,166	5,940,836	495,070
INDUSTRIAL	1,273,495	1,472,113	1,420,004	1,380,803	1,615,141	1,372,991	1,361,944	1,379,955	1,274,587	1,399,646	1,156,571	1,241,777	16,349,027	1,362,419
FREE	371,877	513,802	402,917	384,498	492,874	325,946	193,089	157,871	98,144	152,384	240,682	311,029	3,645,113	303,759
HCWD	1,168,690	1,267,290	1,271,733	1,234,226	1,136,667	1,096,806	1,178,097	1,199,179	1,035,516	1,098,359	1,126,429	1,309,225	14,122,217	1,176,851
TOTAL	4,739,301	5,440,484	5,306,536	5,217,800	5,421,826	4,628,194	4,710,503	4,835,539	4,206,427	4,363,174	4,383,923	4,991,100	58,244,809	4,853,734
CONSUMPTION SUMMARY														
TOTAL GALLONS TREATED	172,410,168	171,270,250	167,479,341	198,163,871	186,842,686	183,783,145	183,081,308	178,960,987	182,402,515	174,527,131	186,182,799	196,430,392	2,181,534,593	181,794,549
DAILY GALLONS DISTRIBUTED	168,242,548	166,629,770	161,982,441	193,161,303	182,072,596	179,467,055	176,181,315	172,226,143	177,478,155	170,850,902	181,836,647	193,222,385	2,123,351,260	176,945,938
TOTAL AFW	146,918,319	168,655,011	159,196,094	161,751,812	162,654,768	143,474,027	146,025,599	135,395,103	130,399,252	130,895,229	135,901,615	149,732,987	1,770,999,814	147,583,318
UNACCOUNTED WATER	21,324,229	(2,025,241)	2,786,347	31,409,491	19,417,828	35,993,028	30,155,716	36,831,040	47,078,903	39,955,673	45,935,032	43,489,398	352,351,446	29,362,620
% UNACCOUNTED	12.7%	-1.2%	1.7%	16.3%	10.7%	20.1%	17.1%	21.4%	26.5%	23.4%	25.3%	22.5%	16.6%	0.2
WWTP AVG. FLOW/MG DAY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WWTP TOTAL FLOW/GALLONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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CONSUMPTION BILLING AMOUNT															
RESIDENTIAL	213,361.66	218,538.73	215,142.39	218,036.90	212,432.17	199,319.14	202,235.85	204,154.85	187,612.33	188,480.05	215,644.96	226,007.40	2,500,966.43	208,413.87	
APARTMENT	39,340.00	38,924.47	40,837.83	41,020.11	43,065.48	42,734.88	43,645.78	42,710.52	39,946.62	37,829.42	42,140.29	38,988.62	491,184.02	40,932.00	
CHURCH & SCHOOL	6,501.23	5,572.30	6,911.75	7,904.13	8,024.06	6,192.44	6,254.20	6,237.98	5,663.47	5,385.23	4,262.03	3,994.20	72,903.02	6,075.25	
COMMERCIAL	100,238.68	100,827.59	95,986.12	103,802.47	99,400.25	85,280.83	92,655.81	88,900.39	96,124.09	69,667.23	75,547.01	88,288.09	1,096,718.56	91,393.21	
INDUSTRIAL	122,080.82	139,684.26	131,161.87	131,489.49	147,400.99	130,516.86	129,900.24	119,805.08	122,254.22	128,498.96	111,102.55	115,286.76	1,529,182.10	127,431.84	
HCWD	114,158.18	123,789.51	120,220.80	120,575.48	107,462.19	107,153.01	115,111.43	105,834.75	101,147.18	98,950.23	104,861.10	117,946.16	1,337,210.02	111,434.17	
Free	-	-	25.28	23.49	16.06	19.78	-	-	-	-	-	-	-	7.05	
Total Water Consumption Billing	595,680.57	627,336.86	610,286.04	622,852.07	617,801.20	571,216.94	589,803.31	567,643.57	552,747.91	528,811.12	553,557.94	590,511.23	7,028,164.15	585,687.40	
Water Facility Connect Charges															
Total Water Facility Connect Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL WATER	595,680.57	627,336.86	610,286.04	622,852.07	617,801.20	571,216.94 c.05	589,803.31	567,643.57	552,747.91 c.05	528,811.12	553,557.94	590,511.23 c.05	7,028,248.76	585,687.40	
Measured Wastewater Billing Amount															
Reported in total only															
TOTAL SEWER CONSUMPTION BILLING	782,641.75	824,033.55	793,797.59	807,540.29	836,479.15	767,622.30	795,289.39	754,226.96	712,889.57	731,060.42	733,357.25	757,622.80	9,296,561.02	774,713.42	
Wastewater Facility Connect Charges															
Total Wastewater Facility Connect Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL WASTEWATER	782,641.75	824,033.55	793,797.59	807,540.29	836,479.15	767,622.30 c.05	795,289.39	754,226.96	712,889.57 c.05	731,060.42	733,357.25	757,622.80 c.05	9,296,561.02	774,713.42	
TOTAL ERU														-	
TOTAL BILLING	1,378,322.32	1,451,370.41	1,404,083.63	1,430,392.36	1,454,280.35	1,338,839.24	1,385,092.70	1,321,870.53	1,265,637.48	1,259,871.54	1,286,915.19	1,348,134.03	16,324,809.78 c.05	1,360,400.82	