

SOURCE WATER PUMPED - GALLONS															
2019	Period 1 2019 1/10/19	Period 2 2019 2/7/19	Period 3 2019 3/7/19	Period 4 2019 4/4/19	Period 5 2019 5/2/19	Period 6 2019 5/30/19	Period 7 2019 6/27/19	Period 8 2019 7/25/19	Period 9 2019 8/22/19	Period 10 2019 9/19/19	Period 11 2019 10/17/19	Period 12 2019 11/14/19	Period 13 2019 12/12/19	TO DATE 2019 THIS YEAR	GPD 13 Periods Moving Average
5-4853-002 Well # 1 (BRACKISH) (cell)	0	1,132,163	741,874	5,917,608	7,237,024	3,273,870	4,266,486	3,944,169	4,954,404	0	0	0	0	31,467,598	86,449 2,420,584
5-4854-001 Well # 9 (BRACKISH)	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0	Out of Service 0
5-4854-002 Well # 14 (BRACKISH) (cell)	13,987,483	6,082,619	0	1,598,387	894,473	266,196	0	0	0	6,238,754	2,999,983	6,957,112	9,286,258	48,311,265	132,723 3,716,251
5-4753-001 Well #15 (BRACKISH) (cell)	0	7,137,201	8,316,412	11,820,164	13,533,687	11,673,882	14,335,404	14,435,953	14,605,266	14,348,158	11,225,461	14,445,437	6,260,464	142,137,489	390,488 10,933,653
5-4953-001 Well # 2 - (Shaft # 3) (cell)	6,035,705	6,832,519	3,267,642	1,088,135	4,624,406	6,466,379	6,839,203	4,415,617	7,178,750	7,670,058	9,585,807	9,230,207	4,205,800	77,440,228	212,748 5,956,941
5-4954-003 (replaces -001) Well # 3 - (City) (cell)	714,707	1,634,276	3,205,961	3,020,501	4,808,059	8,115,120	7,909,891	4,408,083	3,764,550	3,416,699	9,565,876	5,808,092	4,798,740	61,170,555	168,051 4,705,427
5-4952-002 Well # 4 (cell)	5,354,967	4,326,262	9,542,772	11,717,537	11,377,947	5,921,504	6,363,131	7,338,993	7,260,668	8,384,478	3,279,018	2,684,805	7,416,113	90,968,195	249,913 6,997,553
5-5054-002 Well # 6 (cell)	10,914,863	5,892,765	3,060,978	4,275,569	4,625,396	2,351,339	4,191,193	3,652,515	4,549,153	4,906,483	3,532,060	9,344,818	14,136,679	75,433,811	207,236 5,802,601
5-4954-002 Well # 8 (cell)	2,683,270	6,245,554	7,094,864	7,970,881	7,010,321	3,722,501	3,901,332	7,268,868	8,314,612	8,324,793	1,819,745	6,270,870	7,303,285	77,930,896	214,096 5,994,684
TOTAL	39,690,995	39,283,359	35,230,503	47,408,782	54,111,313	41,790,791	47,806,640	45,464,198	50,627,403	53,289,423	42,007,950	54,741,341	53,407,339	604,860,037	1,661,703 46,527,695
WATER USE - BRACKISH AND RECLAIMED WATER															
15/M Gal. Reservoir (cell)	15,254,960	12,948,930	10,589,860	16,733,310	19,179,230	16,198,950	17,452,690	18,322,180	16,879,350	18,934,580	16,429,500	18,346,970	15,821,180	213,091,690	
Manele Golf Course Irrig (BRACKISH) 8"	9,956,385	5,944,634	4,165,980	14,542,681	8,973,058	12,324,657	10,986,277	12,437,806	10,274,922	12,727,297	9,762,876	12,105,792	9,880,258	134,082,623	368,359 10,314,048
Manele Landscape Irrig. (BRACKISH) residential (cell)	5,537,671	5,136,474	4,162,858	5,440,403	6,233,919	5,462,850	5,353,438	5,300,965	5,578,945	5,902,498	5,906,533	6,527,738	5,887,204	72,431,496	198,988 5,571,654
Effluent use R1 @ Manele Golf Course Irrig (cell)	1,386,003	1,557,554	2,338,386	1,866,550	1,725,633	1,791,719	1,971,273	2,111,672	1,880,783	1,565,137	2,169,253	1,781,197	1,653,642	23,798,802	65,381 1,830,677
AWWTP R1 (city) Koele Golf Course Irrig (cell)	80,109	68,581	41,034	90,637	159,364	10,415	145,389	38,958	20,181	96,122	4,084,903	3,131,442	3,185,593	11,152,727	30,639 857,902
W A T E R U S E - DRINKING WATER ZONE METERS															
Transfer from City (PWS 237) to Manele Water System (PWS 238)	0	0	0	0	0	735,156	18,496	24	0	0	0	3	0	753,679	2,071 57,975
Manele Drinking Water Zone meter (5501) (Cell)	7,157,456	6,595,754	5,842,468	6,569,561	7,680,873	7,654,821	8,111,470	8,024,709	8,124,439	8,572,490	8,912,443	8,302,158	7,726,235	99,274,877	272,733 7,636,529
Palawai Grid Zone Meter (cell)	3,479,809	3,931,041	6,383,601	5,214,832	7,013,973	3,542,653	4,049,931	2,836,908	5,245,716	6,448,890	3,251,478	3,114,451	3,106,270	57,619,553	158,295 4,432,273
DISTRIBUTION - GALLONS															
To City Grid (Wells 3+6+8 - Transfers-Kpau)	14,282,310	13,735,134	13,326,696	15,182,518	16,362,441	13,407,517	15,914,927	15,281,928	16,555,148	16,565,328	14,825,087	21,353,595	26,161,480	212,954,109	585,039 16,381,085
Manele Pot & Brackish (Brackish wells + 5501 Meter)	21,144,939	20,947,737	14,900,754	25,905,720	29,346,057	22,868,769	26,713,360	26,404,831	27,684,109	29,159,402	23,137,887	29,704,707	23,272,957	321,191,229	882,393 24,707,018
Palawai Grid Zone Meter (cell)	3,479,809	3,931,041	6,383,601	5,214,832	7,013,973	3,542,653	4,049,931	2,836,908	5,245,716	6,448,890	3,251,478	3,114,451	3,106,270	57,619,553	158,295 4,432,273
To Kaumalapau/Harbor (cell meter)	30,530	37,461	35,107	84,433	81,335	46,287	68,993	47,514	73,167	82,647	92,594	70,182	77,224	827,474	2,273 63,652
TOTAL	38,937,588	38,651,373	34,646,158	46,387,503	52,803,806	39,865,226	46,747,211	44,571,181	49,558,140	52,256,267	41,307,046	54,242,935	52,617,931	592,592,365	1,628,001 45,584,028

2019	Period 1		Period 2		Period 3		Period 4		Period 5		Period 6		Period 7		Period 8		Period 9		Period 10		Period 11		Period 12		Period 13			
	1/10/19	2/7/19	3/7/19	4/4/19	5/2/19	5/30/19	6/27/19	7/25/19	8/22/19	9/19/19	10/17/19	11/14/19	12/12/19	Temp.	Cond.	Temp.	Cond.	Temp.	Cond.	Temp.	Cond.	Temp.	Cond.	Temp.	Cond.	Temp.	Cond.	
Well # 1 (BRACKISH)	*	*	83	1557	84	1512	83	1547	83	1578	85	1534	81	1587	84	1531	88	1546	*	*	*	*	*	*	*	*	*	
Well # 9 (BRACKISH)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Well # 14 (BRACKISH)	*	*	*	*	*	*	86	3850	86	3850	*	*	*	*	*	*	*	*	86	3830	*	*	82	3890	89	3880		
Well # 15 (BRACKISH)	*	*	79	2380	78	2390	79	2410	78	2430	77	2410	78	2440	79	2430	79	2410	79	2410	79	2380	77	2430	81	2380		
Well # 2	70	296	66	324	68	302	68	307	68	325	70	292	68	307	69	299	70	318	68	312	69	294	69	306	79	329		
Well # 3	77	397	71	390	66	389	74	391	75	422	78	393	71	395	76	385	74	402	74	388	70	402	70	397	77	388		
Well # 4	67	244	68	261	68	243	67	235	67	241	67	239	67	264	66	267	68	263	68	255	68	253	67	242	69	250		
Well # 6	68	303	68	368	68	319	*	*	67	289	68	307	68	318	70	292	70	327	*	*	68	326	68	329	75	342		
Well # 7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Well # 8	73	446	72	442	73	440	72	449	74	460	75	469	74	491	74	521	72	450	74	437	*	*	73	468	78	443		
NOTES:	1. * is not available or unused.																											
	2. Temperature reading is in Fahrenheit.																											
	3. Conductivity is in microsiemens per centimeter (µS/cm)																											