

| SOURCE WATER PUMPED - GALLONS                                 |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | TO DATE<br>2017<br>THIS YEAR | GPD<br>13 Periods<br>Moving Average |
|---|--|---------------------------|-------------------------|-----------------------------|-------------------------|-------------------------|----------------------|------------------------|----------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------------|-------------------------------------|
| 2017 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               |                         |                              |                                     |
| 2017<br>1/12/2017   | 2017<br>2/14/2017  | 2017<br>3/9/2017          | 2017<br>4/21/2017       | 2017<br>5/4/2017            | 2017<br>6/1/2017        | 2017<br>6/29/2017       | 2017<br>7/27/2017    | 2017<br>8/24/2017      | 2017<br>9/21/2017    | 2017<br>10/20/2017     | 2017<br>11/16/2017      | 2017<br>12/14/2017      |                         |                              |                                     |
| 5-4853-002  | (Out of service)   |                           |                         | New Meter                   |                         |                         |                      |                        |                      |                        |                         |                         |                         |                              | 176,998                             |
| Well # 1 (BRACKISH) (cell)                                    | 3,429,000  | 8,000                     | 2,735,000               | 6,370,000                   | 4,194,000               | 1,619,000               | 9,251,000            | 9,769,000              | 7,432,000            | 5,841,236              | 6,106,510               | 4,138,342               | 3,534,281               | 64,427,369                   | 4,955,951                           |
| 5-4854-001  | Out of Service   |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 44,078                       |                                     |
| Well # 9 (BRACKISH)   | 943,900  | 10,642,200                | 4,458,300               | 0                           | 0                       | 0                       | 0                    | 0                      | 0                    | 0                      | 0                       | 0                       | 0                       | 16,044,400                   | 1,234,185                           |
| 5-4854-002  | pump out (Out of service)  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 233,854                      |                                     |
| Well # 14 (BRACKISH)  | 0  | 0                         | 0                       | 4,888,000                   | 4,710,000               | 13,653,000              | 2,348,000            | 17,852,000             | 7,560,000            | 8,294,000              | 13,571,000              | 9,907,000               | 2,340,000               | 85,123,000                   | 6,547,923                           |
| 5-4753-001  |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 257,712                      |                                     |
| Well #15 (BRACKISH) (cell)                                    | 9,619,000  | 11,903,000                | 5,305,000               | 13,410,000                  | 6,370,000               | 1,596,000               | 13,488,000           | 2,157,000              | 5,945,000            | 9,476,000              | 189,000                 | 4,939,000               | 9,410,000               | 93,807,000                   | 7,215,923                           |
| 5-4953-001  | (Out of Serv (Out of Servi (Out of Serv (Out of Serv (Out of Serv (Out of Servi (Out of Servi (Out of Servi (Out of Servi (Out of Serv (Out of Serv (Out of Serv (Out of Serv (Flushing) |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         | 13,607                  |                              |                                     |
| Well # 2 - (Shaft # 3)  |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 381,000                      | 381,000                             |
| 5-4954-003 (replaces -001)                                    | (Out of Serv (Out of Servi (Out of Servi Meter failed ' Est. Run time New Meter  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 176,949                      |                                     |
| Well # 3 - (City) (cell)                                      | 2,152,000  | 5,911,000                 | 3,984,000               | 6,110,000                   | 739,000                 |                         |                      | 1,627,000              | 7,396,694            | 4,910,305              | 7,711,004               | 5,366,586               | 8,592,851               | 54,500,440                   | 4,954,585                           |
| 5-4952-002  | New Meter  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 344,580                      |                                     |
| Well # 4 (cell)   | 9,549,000  | 11,196,000                | 8,682,000               | 13,163,000                  | 9,271,000               | 10,235,000              | 11,800,000           | 10,992,000             | 5,154,000            | 12,472,036             | 13,555,964              | 6,834,243               | 2,522,911               | 125,427,154                  | 9,648,243                           |
| 5-5054-002  | New Meter  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 256,217                      |                                     |
| Well # 6 (cell)   | 3,174,000  | 1,047,000                 | 3,621,000               | 9,415,000                   | 5,557,000               | 7,954,000               | 7,732,000            | 11,436,000             | 9,750,000            | 4,392,841              | 5,158,159               | 11,205,946              | 12,819,983              | 93,262,929                   | 7,174,071                           |
| 5-4954-002  |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 192,343                      |                                     |
| Well # 8  | 6,296,000  | 4,847,000                 | 3,289,000               | 5,051,000                   | 4,918,000               | 8,059,000               | 7,037,000            | 7,816,000              | 3,746,000            | 6,343,000              | 5,774,000               | 3,914,000               | 2,923,000               | 70,013,000                   | 5,385,615                           |
| TOTAL   | 35,162,900   | 45,554,200                | 32,074,300              | 58,407,000                  | 35,759,000              | 43,116,000              | 51,656,000           | 61,649,000             | 46,983,694           | 51,729,418             | 52,065,637              | 46,305,117              | 42,524,026              | 602,986,292                  | 46,383,561                          |
| WATER USE - BRACKISH AND RECLAIMED WATER                      |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         |                              |                                     |
| 15/M Gal. Reservoir (cell as of Chloride Reading              | 10,687,229<br>CL = 471 mg  | 11,563,385<br>CL = 463 mg | 11,241,055<br>CL=450 mg | 10,000,000<br>(Meter failed | 10,000,000<br>Estimated | 10,000,000<br>Estimated | 10,000,000<br>CL=522 | 10,000,000<br>CL = 625 | 10,000,000<br>CL=527 | 10,000,000<br>CL = 616 | 10,000,000<br>Estimated | 10,000,000<br>Estimated | 10,000,000<br>Estimated | 133,491,669<br>Estimated     |                                     |
| Manele Golf Course Irrig (BRACKISH) 8"                        | 7,832,408  | 10,989,133                | 6,598,400               | 13,920,856                  | 8,700,569               | 12,689,387              | 16,337,452           | 19,043,924             | 14,071,889           | 14,069,901             | 13,616,249              | 10,591,131              | 10,683,614              | 159,144,913                  | 12,241,916                          |
| Manele Landscape Irrig. (BRACKISH) residential                | 6,796,000  | 7,726,000                 | 4,532,000               | 8,293,000                   | 5,117,000               | 7,208,000               | 7,403,000            | 8,405,000              | 6,761,000            | 6,885,000              | 8,002,000               | 5,393,000               | 6,371,000               | 88,892,000                   | 6,837,846                           |
| Effluent use R1 @   |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 46,242                       |                                     |
| Manele Golf Course Irrig (cell)                               | 1,896,000  | 959,000                   | 1,175,000               | 2,102,000                   | 692,000                 | 1,503,000               | 989,000              | 1,631,272              | 1,190,588            | 569,898                | 1,624,342               | 912,398                 | 1,587,718               | 16,832,216                   | 1,294,786                           |
| AWWTP R1 ( city)  |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         | 58,903                       |                                     |
| Koele Golf Course Irrig                                       | 1,552,310  | 2,895,190                 | 1,988,500               | 5,492,800                   | 178,600                 | 2,696,000               | 987,000              | 836,200                | 2,088,500            | 936,900                | 718,400                 | 0                       | 1,070,200               | 21,440,600                   | 1,649,277                           |
| WATER USE - DRINKING WATER ZONE METERS                        |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         |                              |                                     |
| Transfer from City (PWS 237) to Manele Water System (PWS 237) | 0  | 881,000                   | 0                       | 0                           | 0                       | 0                       | 0                    | 3,134,000              | 5,179,000            | 0                      | 1,917,000               | 5,266,000               | 10,191,000              | 26,568,000                   | 2,043,692                           |
| Manele Drinking Water Zone meter                              | 9,712,000  | 11,859,000                | 8,212,000               | 7,346,000                   | 5,987,000               | 7,485,000               | 7,767,000            | 9,541,000              | 7,104,000            | 8,707,000              | 8,424,000               | 6,669,000               | 7,531,000               | 106,344,000                  | 8,180,308                           |
| Palawai Grid Zone Meter (cell)                                | 1,892,000  | 2,580,415                 | 2,116,758               | 3,153,853                   | 1,775,826               | 2,162,174               | 2,161,000            | 2,767,491              | 1,965,048            | 2,406,378              | 3,870,992               | 2,338,465               | 2,337,683               | 31,528,083                   | 2,425,237                           |
| DISTRIBUTION - GALLONS  |  |                           |                         |                             |                         |                         |                      |                        |                      |                        |                         |                         |                         |                              |                                     |
| To City Grid (Wells 3+6+8 - Transfers-Kpau)                   | 11,576,200   | 10,826,000                | 10,837,700              | 20,463,500                  | 11,111,800              | 15,974,600              | 14,733,000           | 17,610,633             | 15,625,747           | 15,525,725             | 16,684,644              | 15,180,431              | 14,096,002              | 190,245,982                  | 14,634,306                          |
| Manele Pot & Brackish (Brackish wells + 5501 Meter)           | 23,703,900   | 34,412,200                | 20,710,300              | 32,014,000                  | 21,261,000              | 24,353,000              | 32,854,000           | 39,319,000             | 28,041,000           | 32,318,236             | 28,290,510              | 25,653,342              | 22,815,281              | 365,745,769                  | 28,134,290                          |
| Palawai Grid Zone Meter                                       | 1,892,000  | 2,580,415                 | 2,116,758               | 3,153,853                   | 1,775,826               | 2,162,174               | 2,161,000            | 2,767,491              | 1,965,048            | 2,406,378              | 3,870,992               | 2,338,465               | 2,337,683               | 31,528,083                   | 2,425,237                           |
| To Kaumalapau/Harbor (cell meter)                             | 45,800   | 98,000                    | 56,300                  | 112,500                     | 102,200                 | 38,400                  | 36,000               | 134,367                | 87,947               | 120,421                | 41,519                  | 40,101                  | 48,832                  | 962,387                      | 137,484                             |
| TOTAL   | 37,217,900   | 47,916,615                | 33,721,058              | 55,743,853                  | 34,250,826              | 42,528,174              | 49,784,000           | 59,831,491             | 45,719,742           | 50,370,760             | 48,887,665              | 43,212,339              | 39,297,798              | 588,482,221                  | 45,267,863                          |

\* 2/14/17 instead of 2/9/17 so extra 5 days