

| SOURCE WATER PUMPED - GALLONS                                    |                            |                            |                            |                            |                             |                             |                             |                             |                             |                              |                               |                               |                              |                              |                                     |
|--|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------------|
| 2021   | Period 1<br>2021<br>1/7/21 | Period 2<br>2021<br>2/4/21 | Period 3<br>2021<br>3/4/21 | Period 4<br>2021<br>4/1/21 | Period 5<br>2021<br>4/29/21 | Period 6<br>2021<br>5/27/21 | Period 7<br>2021<br>6/24/21 | Period 8<br>2021<br>7/22/21 | Period 9<br>2021<br>8/19/21 | Period 10<br>2021<br>9/16/21 | Period 11<br>2021<br>10/14/21 | Period 12<br>2021<br>11/11/21 | Period 13<br>2021<br>12/9/21 | TO DATE<br>2021<br>THIS YEAR | GPD<br>13 Periods<br>Moving Average |
| 5-4853-002<br>Well # 1 (BRACKISH) (cell)                         | 0                          | 0                          | 1,194,600                  | 5,711,400                  | 6,287,100                   | 11,958,600                  | 3,024,000                   | 10,069,800                  | 9,553,500                   | 0                            | 0                             | 0                             | 0                            | 47,799,000                   | 131,316<br>3,676,846                |
| 5-4854-001<br>Well # 9 (BRACKISH)                                | Out of Service<br>0        | Out of Service<br>0        | Out of Service<br>0        | Out of Service<br>0        | Out of Service<br>0         | Out of Service<br>0         | Out of Service<br>0         | Out of Service<br>0         | Out of Service<br>0         | Out of Service<br>0          | Out of Service<br>0           | Out of Service<br>0           | Out of Service<br>0          | Out of Service<br>0          | Out of Service<br>0                 |
| 5-4854-002<br>Well # 14 (BRACKISH) (cell)                        | 3,679,598                  | 0                          | 0                          | 0                          | 0                           | 0                           | 0                           | 0                           | 0                           | 0                            | 0                             | 0                             | 0                            | 3,679,598                    | 67,491<br>1,889,739                 |
| 5-4753-001<br>Well #15 (BRACKISH) (cell)                         | 14,538,642                 | 14,698,892                 | 13,646,229                 | 1,754,121                  | 11,100,582                  | 7,068,445                   | 14,745,013                  | 7,020,733                   | 9,938,423                   | 0                            | 0                             | 0                             | 0                            | 94,511,080                   | 403,795<br>11,306,268               |
| 5-4953-001<br>Well # 2 (cell)                                    | 5,607,766                  | 4,473,833                  | 5,087,434                  | 2,836,072                  | 3,053,498                   | 3,167,746                   | 6,478,830                   | 7,527,668                   | 1,923,164                   | -                            | -                             | -                             | -                            | 40,156,011                   | 180,293<br>5,048,218                |
| 5-4954-003 (replaces -001)<br>Well # 3 - (City) (cell)           | 7,373,936                  | 1,101,346                  | 9,868,768                  | 8,993,868                  | 5,532,892                   | 3,745,461                   | 7,568,625                   | 6,211,714                   | 4,655,407                   | -                            | -                             | -                             | -                            | 55,052,017                   | 235,880<br>6,604,652                |
| 5-4952-002<br>Well # 4 (cell)                                    | 5,262,818                  | 4,618,675                  | 5,031,840                  | 6,936,887                  | 9,426,278                   | 9,236,027                   | 6,103,711                   | 6,741,606                   | 11,178,503                  | -                            | -                             | -                             | -                            | 64,536,345                   | 234,701<br>6,571,626                |
| 5-5054-002<br>Well # 6 (cell)                                    | 2,393,346                  | 3,080,227                  | 2,134,509                  | 2,875,040                  | 4,164,767                   | 4,814,823                   | 2,921,751                   | 5,999,013                   | 7,061,104                   | -                            | -                             | -                             | -                            | 35,444,580                   | 132,875<br>3,720,508                |
| 5-4954-002<br>Well # 8 (cell)                                    | 4,417,362                  | 8,382,429                  | 2,070,668                  | 3,082,370                  | 5,917,949                   | 5,892,842                   | 7,184,122                   | 5,899,552                   | 7,302,581                   | -                            | -                             | -                             | -                            | 50,149,875                   | 186,928<br>5,233,983                |
| TOTAL  | 43,273,468                 | 36,355,402                 | 39,034,048                 | 32,189,758                 | 45,483,066                  | 45,883,944                  | 48,026,052                  | 49,470,086                  | 51,612,682                  | -                            | -                             | -                             | -                            | 391,328,506                  | 1,573,280<br>44,051,840             |
| WATER USE - BRACKISH AND RECLAIMED WATER                         |                            |                            |                            |                            |                             |                             |                             |                             |                             |                              |                               |                               |                              |                              |                                     |
| 15/M Gal. Reservoir (cell)                                       | 15,298,710                 | 11,459,980                 | 12,845,640                 | 9,708,040                  | 14,451,730                  | 16,231,510                  | 17,825,920                  | 17,157,500                  | 18,009,750                  | -                            | -                             | -                             | -                            | 132,988,780                  | 15,463,841                          |
| Manele Golf Course Irrig<br>(BRACKISH) 8"                        | 9,235,313                  | 6,252,509                  | 8,332,145                  | 5,324,032                  | 9,557,736                   | 10,119,655                  | 11,571,193                  | 11,195,918                  | 11,665,730                  | -                            | -                             | -                             | -                            | 83,254,231                   | 348,606<br>9,760,965                |
| Manele Landscape Irrig.<br>(BRACKISH) residential (cell)         | 5,965,050                  | 5,129,171                  | 4,514,350                  | 4,364,360                  | 5,090,393                   | 5,507,766                   | 6,193,215                   | 5,750,122                   | 6,173,550                   | -                            | -                             | -                             | -                            | 48,687,977                   | 198,810<br>5,566,674                |
| Effluent use R1 @<br>Manele Golf Course Irrig (cell)             | 1,760,074                  | 1,207,859                  | 1,540,050                  | 1,772,552                  | 1,521,316                   | 1,820,692                   | 1,306,119                   | 1,964,749                   | 1,491,106                   | -                            | -                             | -                             | -                            | 14,384,517                   | 47,870<br>1,340,361                 |
| AWWTP R1 ( city)<br>Koele Golf Course Irrig (cell)               | 1,626,978                  | 1,303,325                  | 1,414,850                  | 1,172,980                  | 1,710,340                   | 1,246,266                   | 2,017,174                   | 2,669,944                   | 12,773,121                  | -                            | -                             | -                             | -                            | 25,934,978                   | 95,847<br>2,683,729                 |
| W A T E R U S E - DRINKING WATER ZONE METERS                     |                            |                            |                            |                            |                             |                             |                             |                             |                             |                              |                               |                               |                              |                              |                                     |
| Transfer from City (PWS 237) to<br>Manele Water System (PWS 238) | 0                          | 620                        | 249,903                    | 461,645                    | 3,609                       | 10,866                      | 2,422                       | 54,768                      | 7,100                       | 0                            | 0                             | 0                             | 0                            | 790,933                      | 2,173<br>60,845                     |
| Manele Drinking Water<br>Zone meter (5501) (Cell)                | 7,455,390                  | 6,146,511                  | 6,923,106                  | 6,944,578                  | 8,350,402                   | 8,002,831                   | 8,443,771                   | 9,499,092                   | 9,423,072                   | -                            | -                             | -                             | -                            | 71,188,753                   | 277,710<br>7,775,891                |
| Palawai Grid Zone Meter (cell)                                   | 3,056,904                  | 2,711,079                  | 2,845,350                  | 2,603,217                  | 3,277,919                   | 3,231,225                   | 3,415,169                   | 3,471,430                   | 3,537,434                   | -                            | -                             | -                             | -                            | 28,149,727                   | 112,385<br>3,146,768                |
| DISTRIBUTION - GALLONS   |                            |                            |                            |                            |                             |                             |                             |                             |                             |                              |                               |                               |                              |                              |                                     |
| To City Grid<br>(Wells 3+6+8 - Transfers-Kpau)                   | 14,155,170                 | 12,526,208                 | 13,775,276                 | 14,464,786                 | 15,568,290                  | 14,389,000                  | 17,560,629                  | 17,965,361                  | 18,921,867                  | -                            | -                             | -                             | -                            | 139,326,587                  | 551,170<br>15,432,762               |
| Manele Pot & Brackish<br>(Brackish wells + 5501 Meter)           | 25,673,630                 | 20,845,403                 | 21,763,935                 | 14,410,099                 | 25,738,084                  | 27,029,876                  | 26,212,784                  | 26,589,625                  | 28,914,995                  | -                            | -                             | -                             | -                            | 217,178,431                  | 880,312<br>24,648,745               |
| Palawai Grid Zone Meter (cell)                                   | 3,056,904                  | 2,711,079                  | 2,845,350                  | 2,603,217                  | 3,277,919                   | 3,231,225                   | 3,415,169                   | 3,471,430                   | 3,537,434                   | -                            | -                             | -                             | -                            | 28,149,727                   | 112,385<br>3,146,768                |
| To Kaumalapau/Harbor (cell meter)                                | 29,474                     | 37,174                     | 48,766                     | 24,847                     | 43,709                      | 53,260                      | 111,447                     | 90,150                      | 90,125                      | -                            | -                             | -                             | -                            | 528,952                      | 2,341<br>65,536                     |
| TOTAL  | 42,915,178                 | 36,119,864                 | 38,433,327                 | 31,502,949                 | 44,628,002                  | 44,703,361                  | 47,300,029                  | 48,116,566                  | 51,464,421                  | -                            | -                             | -                             | -                            | 385,183,697                  | 1,546,208<br>43,293,811             |

|                      | 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 |     |  |  |
|----------------------|---|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-----------|-----|------------|-----|------------|-----|-----------|-----|--|--|
| <b>2021</b>          | 1/7/21                                      |       | 2/4/2021          |       | 3/4/2021          |       | 4/1/2021          |       | 4/29/2021         |       | 5/27/2021         |       | 6/24/2021         |       | 7/22/2021         |       | 8/19/2021         |       | 9/16/2021 |     | 10/14/2021 |     | 11/11/2021 |     | 12/9/2021 |     |  |  |
|                      | HIGH  | LOW   | HIGH              | LOW   | HIGH              | LOW   | HIGH              | LOW   | HIGH              | LOW   | HIGH              | LOW   | HIGH              | LOW   | HIGH              | LOW   | HIGH              | LOW   | HIGH      | LOW | HIGH       | LOW | HIGH       | LOW | HIGH      | LOW |  |  |
| Well # 1 (BRACKISH)  | *   | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     |           |     |            |     |            |     |           |     |  |  |
| Well # 9 (BRACKISH)  | *   | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     |           |     |            |     |            |     |           |     |  |  |
| Well # 14 (BRACKISH) | *   | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     |           |     |            |     |            |     |           |     |  |  |
| Well # 15 (BRACKISH) | *   | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     |           |     |            |     |            |     |           |     |  |  |
|                      | Transducer failed                           |       | Transducer failed |       | Transducer failed |       | Transducer failed |       | Transducer failed |       | Transducer failed |       | Transducer failed |       | Transducer failed |       | Transducer failed |       |           |     |            |     |            |     |           |     |  |  |
| Well # 2             | 1,438                                       | 1,405 | 1,438             | 1,409 | 1,440             | 1,408 | 1,439             | 1,411 | 1,440             | 1,411 | 1,441             | 1,410 | 1,442             | 1,405 | 1,438             | 1,410 | 1,440             | 1,406 |           |     |            |     |            |     |           |     |  |  |
| Well # 3             | 976   | 933   | 986               | 950   | 986               | 927   | 971               | 928   | 976               | 927   | 980               | 934   | 978               | 932   | 975               | 935   | 977               | 935   |           |     |            |     |            |     |           |     |  |  |
| Well # 4             | 1545  | 1517  | 1547              | 1508  | 1547              | 1517  | 1547              | 1518  | 1546              | 1515  | 1546              | 1514  | 1547              | 1514  | 1543              | 1514  | 1544              | 1510  |           |     |            |     |            |     |           |     |  |  |
| Well # 6             | 888   | 878   | 887               | 879   | 888               | 876   | *                 | *     | *                 | *     | *                 | *     | 887               | 878   | 885               | 876   | 883               | 874   |           |     |            |     |            |     |           |     |  |  |
| Well # 7             | *   | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     | *                 | *     |           |     |            |     |            |     |           |     |  |  |
| Well # 8             | 920   | 883   | 919               | 882   | 919               | 882   | 919               | 882   | 918               | 880   | 918               | 880   | 918               | 879   | 919               | 881   | 918               | 880   |           |     |            |     |            |     |           |     |  |  |
| <b>Note:</b>         | * is not available, unused, or not measured |       |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       |           |     |            |     |            |     |           |     |  |  |

| 2021                      | 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 |       |
|---------------------------|-----------------------------|--|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|---------------|-------|--------------|-------|---------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
|                           | 1/7/21                      |  | 2/4/21   |       | 3/4/21   |       | 4/1/21   |       | 4/29/21  |       | 5/27/21  |       | 6/24/21       |       | 7/22/21      |       | 8/19/21       |       | 9/16/21   |       | 10/14/21  |       | 11/11/21  |       | 12/9/21   |       |
|                           | Temp.                       | Cond.  | Temp.    | Cond. | Temp.    | Cond. | Temp.    | Cond. | Temp.    | Cond. | Temp.    | Cond. | Temp.         | Cond. | Temp.        | Cond. | Temp.         | Cond. | Temp.     | Cond. | Temp.     | Cond. | Temp.     | Cond. | Temp.     | Cond. |
|                           | taken 1/11/21               |  |          |       |          |       |          |       |          |       |          |       | taken 7/21/21 |       | taken 8/5/21 |       | taken 8/19/21 |       |           |       |           |       |           |       |           |       |
| Well # 1 (BRACKISH)       | *                           | *  | *        | *     | *        | *     | 83       | 1227  | 82       | 1205  | 82       | 1244  | 82            | 1231  | 82           | 1217  | 86            | 1147  |           |       |           |       |           |       |           |       |
| Well # 9 (BRACKISH)       | *                           | *  | *        | *     | *        | *     | *        | *     | *        | *     | *        | *     | *             | *     | *            | *     | *             | *     |           |       |           |       |           |       |           |       |
| Well # 14 (BRACKISH)      | *                           | *  | *        | *     | *        | *     | *        | *     | *        | *     | *        | *     | *             | *     | *            | *     | *             | *     |           |       |           |       |           |       |           |       |
| Well # 15 (BRACKISH)      | *                           | *  | *        | *     | *        | *     | 78       | 1839  | 80       | 1821  | 78       | 1842  | 79            | 1563  | 80           | 1592  | 82            | 1624  |           |       |           |       |           |       |           |       |
| Well # 2                  | *                           | *  | *        | *     | *        | *     | 69       | 272   | 68       | 254   | 68       | 252   | 68            | 258   | 68           | 253   | 73            | 248   |           |       |           |       |           |       |           |       |
| Well # 3                  | *                           | *  | *        | *     | *        | *     | 76       | 330   | 77       | 330   | 78       | 322   | 74            | 315   | 78           | 318   | 78            | 311   |           |       |           |       |           |       |           |       |
| Well # 4                  | *                           | *  | *        | *     | *        | *     | 68       | 198   | 66       | 195   | 67       | 193   | 68            | 200   | 68           | 197   | 71            | 196   |           |       |           |       |           |       |           |       |
| Well # 6                  | *                           | *  | *        | *     | *        | *     | 70       | 267   | 69       | 249   | 74       | 248   | 68            | 248   | 74           | 251   | 74            | 253   |           |       |           |       |           |       |           |       |
| Well # 7                  | *                           | *  | *        | *     | *        | *     | *        | *     | *        | *     | *        | *     | *             | *     | *            | *     | *             | *     |           |       |           |       |           |       |           |       |
| Well # 8                  | *                           | *  | *        | *     | *        | *     | 75       | 379   | 68       | 351   | 80       | 375   | 74            | 375   | 74           | 373   | 74            | 364   |           |       |           |       |           |       |           |       |
| Manele Brackish Reservoir | *                           | *  | *        | *     | *        | *     | 76       | 1538  | 76       | 1623  | 82       | 1695  | 77            | 1335  | 77           | 1376  | 81            | 1428  |           |       |           |       |           |       |           |       |
|                           | <b>Contaminated samples</b> |  |          |       |          |       |          |       |          |       |          |       |               |       |              |       |               |       |           |       |           |       |           |       |           |       |
| <b>NOTES:</b>             | 1.                          | * is not available or unused.                          |          |       |          |       |          |       |          |       |          |       |               |       |              |       |               |       |           |       |           |       |           |       |           |       |
|                           | 2.                          | Temperature reading is in Fahrenheit.                  |          |       |          |       |          |       |          |       |          |       |               |       |              |       |               |       |           |       |           |       |           |       |           |       |
|                           | 3.                          | Conductivity is in microsiemens per centimeter (µS/cm) |          |       |          |       |          |       |          |       |          |       |               |       |              |       |               |       |           |       |           |       |           |       |           |       |