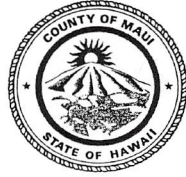


MICHAEL P. VICTORINO  
Mayor

2019 FEB -6 AM 10: 24

OFFICE OF THE  
COUNTY CLERK



JEFFREY T. PEARSON, P.E.  
Acting Director

2019 FEB -5 AM 9: 33

OFFICE OF THE MAYOR

**DEPARTMENT OF WATER SUPPLY**  
COUNTY OF MAUI  
200 SOUTH HIGH STREET  
WAILUKU, MAUI, HAWAII 96793-2155  
www.mauewater.org  
February 4, 2019

Honorable Michael P. Victorino,  
Mayor, County of Maui  
200 South High Street  
Wailuku, Hawaii 96793

APPROVED FOR TRANSMITTAL

*Scary* 2/5/19  
Acting Mayor Date

For transmittal to:

Honorable Kelly T. King, Chair  
and Members of the Maui County Council  
200 South High Street  
Wailuku, Hawaii 96793

Dear Chair King and Members:

**SUBJECT: MONTHLY SOURCE AND GROUNDWATER USE REPORTS**

Attached please find copies of the Department of Water Supply's Monthly Source Report and Groundwater Use Report for the month ending January 2019.

Thank you for your attention to this matter. Should you have any questions or require additional information, please feel free to contact me at Ext. 7834.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey T. Pearson".

JEFFREY T. PEARSON, P.E.  
Acting Director of Water Supply

Attachments

COUNTY COMMUNICATION NO. 19-78

*"By Water All Things Find Life"*

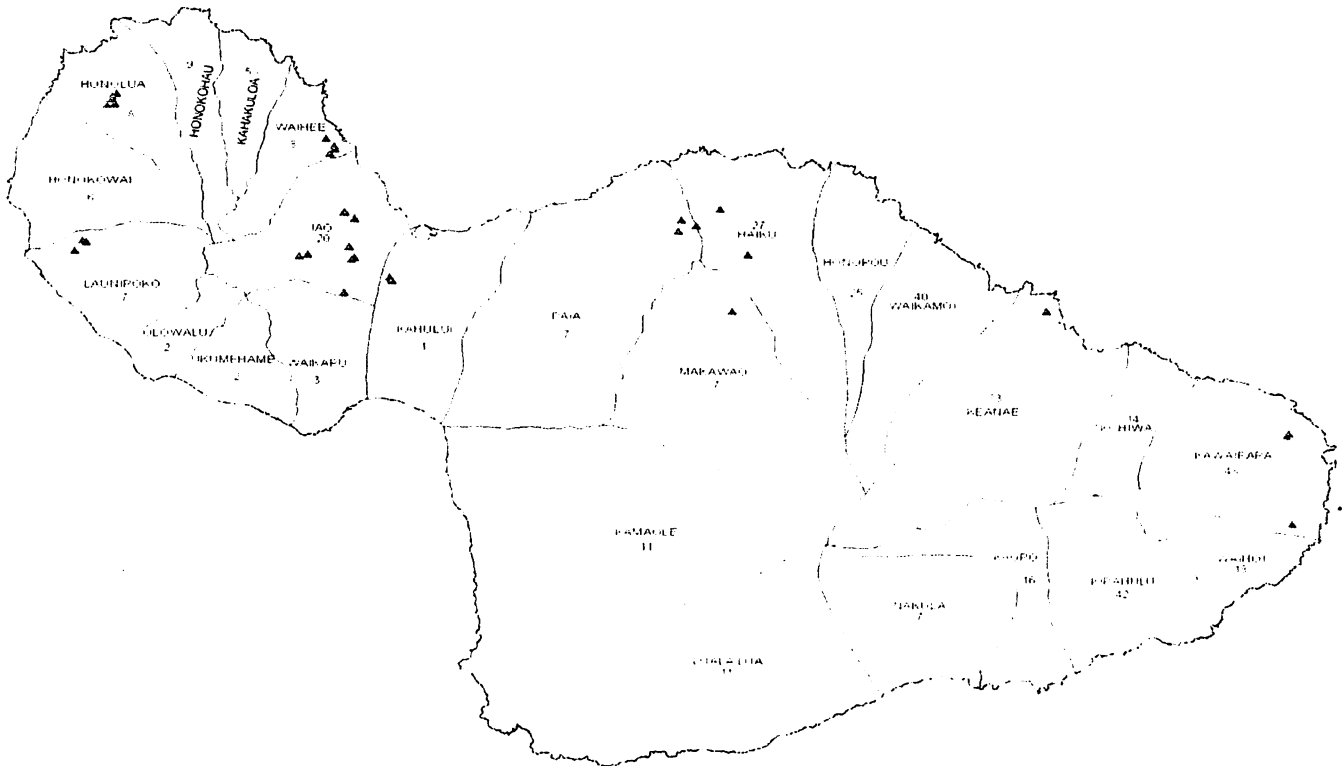
**County of Maui**  
**Dept. of Water Supply**  
**Monthly Source Reports**  
(Gals X 1000)

| WELL NAME            | Feb-18        | Mar-18        | Apr-18        | May-18        | Jun-18        | Jul-18        | Aug-18        | Sep-18        | Oct-18        | Nov-18        | Dec-18        | Jan-19        | Current Year   | Last 12 Months |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| <b>Central</b>       |               |               |               |               |               |               |               |               |               |               |               |               |                |                |
| Mokuhan 501          | 45,251        | 60,782        | 36,900        | 26,906        | 10,529        | 5,954         | 5,095         | 6,954         | 13,895        | 2,129         | 53            | 1,848         | 269,525        | 216,296        |
| Mokuhan 503          | 63,676        | 62,807        | 42,302        | 42,601        | 73,744        | 88,528        | 80,186        | 73,744        | 79,107        | 72,752        | 71,350        | 72,937        | 905,143        | 823,735        |
| Waihee 577           | 74,578        | 34,552        | 31,654        | 44,064        | 48,583        | 57,112        | 48,300        | 61,600        | 59,391        | 71,434        | 56,720        | 48,468        | 750,580        | 636,455        |
| Waihee 578           | 64,838        | 40,028        | 27,232        | 45,752        | 49,294        | 52,874        | 47,002        | 43,205        | 51,837        | 59,549        | 49,091        | 42,530        | 633,358        | 573,232        |
| Waihee 579           | 12,391        | 116,028       | 102,719       | 119,869       | 115,425       | 121,545       | 114,312       | 101,291       | 107,822       | 86,195        | 105,339       | 121,523       | 1,271,549      | 1,224,459      |
| Waiehu Hts 514       | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0              | 0              |
| Waiehu Hts 515       | 27,718        | 31,801        | 30,365        | 32,719        | 37,771        | 38,079        | 35,714        | 33,880        | 33,798        | 30,896        | 31,501        | 33,365        | 431,475        | 397,607        |
| Wailuku Shaft 33     | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0              | 0              |
| lao                  | 706           | 12,097        | 40,153        | 14,500        | 32,396        | 35,563        | 34,954        | 11,840        | 7,151         | 21,686        | 48,968        | 39,308        | 303,793        | 299,322        |
| Waikapu              | 25,352        | 28,827        | 25,575        | 29,514        | 36,609        | 38,331        | 34,826        | 32,130        | 36,210        | 34,088        | 33,777        | 34,938        | 422,147        | 390,176        |
| Wailuku 1            | 5,557         | 4,073         | 276           | 64,020        | 65,556        | 66,459        | 49,574        | 49,245        | 48,326        | 12,662        | 12,061        | 6,217         | 387,153        | 384,025        |
| Wailuku 2            | 64,741        | 64,789        | 64,832        | 64,879        | 64,924        | 64,970        | 65,017        | 65,062        | 65,108        | 65,153        | 65,200        | 65,246        | 844,618        | 779,919        |
| <b>DAILY AVERAGE</b> | <b>13,743</b> | <b>14,703</b> | <b>13,400</b> | <b>15,639</b> | <b>17,828</b> | <b>18,368</b> | <b>16,612</b> | <b>15,965</b> | <b>16,214</b> | <b>15,218</b> | <b>15,292</b> | <b>15,045</b> | <b>200,624</b> | <b>15,686</b>  |
| Kepaniwai 511        | 20,095        | 22,320        | 21,595        | 22,320        | 21,454        | 22,141        | 22,038        | 21,492        | 22,320        | 21,600        | 22,238        | 22,320        | 284,084        | 261,933        |
| lao Tunnel           | 41,535        | 47,987        | 46,648        | 47,809        | 47,434        | 48,584        | 49,125        | 47,362        | 48,854        | 47,702        | 49,273        | 49,230        | 617,325        | 571,544        |
| <b>DAILY AVERAGE</b> | <b>2,201</b>  | <b>2,268</b>  | <b>2,275</b>  | <b>2,262</b>  | <b>2,296</b>  | <b>2,281</b>  | <b>2,296</b>  | <b>2,295</b>  | <b>2,296</b>  | <b>2,310</b>  | <b>2,307</b>  | <b>2,308</b>  | <b>29,078</b>  | <b>2,583</b>   |
| N. Waihee #1         | 19,614        | 21,198        | 22,278        | 23,474        | 21,498        | 22,474        | 30,025        | 25,739        | 22,767        | 23,275        | 21,441        | 21,788        | 297,210        | 275,570        |
| N. Waihee #2         | 20,511        | 26,093        | 26,254        | 27,217        | 26,484        | 27,448        | 22,250        | 21,359        | 26,328        | 26,981        | 23,103        | 25,760        | 326,003        | 299,786        |
| Kanoa #1             | 13,695        | 13,683        | 18,454        | 20,061        | 17,853        | 18,759        | 30,596        | 24,949        | 17,911        | 17,401        | 14,356        | 231,048       | 215,288        | 215,288        |
| Kanoa #2             | 24,836        | 17,765        | 19,506        | 19,081        | 19,374        | 19,809        | 15,652        | 19,981        | 18,693        | 18,526        | 29,514        | 19,443        | 262,717        | 242,180        |
| Kupaa                | 19,358        | 39,391        | 32,995        | 32,995        | 40,073        | 43,963        | 37,801        | 38,163        | 37,420        | 32,085        | 48,741        | 39,263        | 465,813        | 442,228        |
| <b>DAILY AVERAGE</b> | <b>3,500</b>  | <b>3,811</b>  | <b>3,983</b>  | <b>3,962</b>  | <b>4,176</b>  | <b>4,273</b>  | <b>4,398</b>  | <b>4,340</b>  | <b>3,972</b>  | <b>3,942</b>  | <b>4,205</b>  | <b>3,891</b>  | <b>51,058</b>  | <b>4,041</b>   |
| Maui Lani #5         | 5,336         | 5,955         | 5,774         | 5,642         | 5,724         | 5,891         | 5,943         | 6,115         | 5,920         | 5,734         | 5,984         | 5,969         | 75,664         | 69,968         |
| Maui Lani #6         | 10,237        | 11,376        | 10,956        | 11,364        | 11,001        | 11,348        | 11,346        | 11,209        | 11,326        | 11,009        | 11,376        | 11,368        | 145,254        | 133,917        |
| Maui Lani #7         | 15,131        | 16,772        | 16,241        | 16,399        | 16,201        | 16,756        | 16,671        | 16,411        | 16,698        | 16,197        | 16,753        | 16,828        | 213,747        | 197,055        |
| <b>DAILY AVERAGE</b> | <b>1,097</b>  | <b>1,100</b>  | <b>1,099</b>  | <b>1,078</b>  | <b>1,098</b>  | <b>1,097</b>  | <b>1,095</b>  | <b>1,125</b>  | <b>1,095</b>  | <b>1,098</b>  | <b>1,100</b>  | <b>1,102</b>  | <b>14,021</b>  | <b>1,098</b>   |
| <b>UpCountry</b>     |               |               |               |               |               |               |               |               |               |               |               |               |                |                |
| Haiku                | 5,927         | 8,794         | 8,810         | 8,990         | 1,558         | 1,192         | 3,336         | 8,801         | 8,131         | 7,743         | 7,728         | 8,412         | 86,414         | 79,422         |
| H' Poko #1           | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 1,832          | 0              |
| H' Poko #2           | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 2,109          | 0              |
| Kaupakalua           | 13,552        | 15,805        | 14,237        | 14,424        | 15,293        | 16,742        | 15,709        | 14,631        | 15,359        | 16,366        | 22,750        | 15,909        | 205,670        | 190,778        |
| Pookela              | 335           | 89            | 172           | 42            | 167           | 28            | 81            | 122           | 133           | 23            | 121           | 265           | 1,662          | 1,577          |
| <b>DAILY AVERAGE</b> | <b>708</b>    | <b>796</b>    | <b>774</b>    | <b>757</b>    | <b>567</b>    | <b>579</b>    | <b>617</b>    | <b>785</b>    | <b>762</b>    | <b>804</b>    | <b>987</b>    | <b>793</b>    | <b>9,603</b>   | <b>745</b>     |
| <b>Lahaina</b>       |               |               |               |               |               |               |               |               |               |               |               |               |                |                |
| Kanaha 575           | 340           | 323           | 1,037         | 1,130         | 3,818         | 7,161         | 3,610         | 2,325         | 1,992         | 1,598         | 757           | 4,116         | 28,467         | 28,207         |
| Kanaha 576           | 233           | 119           | 757           | 142           | 2,071         | 3,326         | 232           | 1,263         | 1,253         | 16            | 75            | 266           | 8,825          | 8,752          |
| Waipuka 559          | 22            | 47            | 2             | 0             | 3,799         | 7,714         | 2,693         | 1,147         | 730           | 58            | 1,183         | 1,514         | 18,910         | 18,910         |
| Waipuka 560          | 428           | 577           | 1,184         | 1,241         | 3,288         | 1,684         | 2,431         | 2,338         | 2,378         | 2,011         | 166           | 3,280         | 21,405         | 21,005         |
| Napili A 569         | 12,086        | 13,615        | 27,330        | 23,263        | 23,489        | 22,309        | 15,823        | 6,152         | 3,305         | 1,159         | 420           | 1,127         | 156,566        | 150,078        |
| Napili B 570         | 20,999        | 25,796        | 3,958         | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 73,867         | 50,753         |
| Napili C 571         | 0             | 0             | 0             | 0             | 0             | 54            | 9,739         | 27,483        | 40,136        | 37,515        | 40,443        | 40,053        | 195,423        | 195,423        |
| Honokahua A 572      | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0              | 0              |
| Honokahua B 573      | 0             | 0             | 0             | 18,809        | 29,808        | 30,618        | 20,400        | 7,869         | 9,102         | 3,636         | 6,062         | 6,763         | 161,866        | 133,066        |
| <b>DAILY AVERAGE</b> | <b>1,218</b>  | <b>1,306</b>  | <b>1,142</b>  | <b>1,438</b>  | <b>2,209</b>  | <b>2,318</b>  | <b>1,772</b>  | <b>1,619</b>  | <b>1,900</b>  | <b>1,533</b>  | <b>1,584</b>  | <b>1,843</b>  | <b>21,462</b>  | <b>1,661</b>   |
| <b>Hana</b>          |               |               |               |               |               |               |               |               |               |               |               |               |                |                |
| Hamo 597             | 863           | 2,825         | 3,278         | 3,487         | 3,424         | 970           | 2,555         | 4,361         | 1,543         | 5,033         | 418           | 4,484         | 33,506         | 33,240         |
| Hamo #2              | 3,493         | 1,969         | 1,292         | 1,028         | 1,510         | 4,475         | 3,219         | 1,324         | 4,058         | 2             | 5,678         | 1,222         | 33,298         | 29,268         |
| Keanae #1            | 1,056         | 740           | 21            | 753           | 617           | 365           | 872           | 601           | 234           | 695           | 880           | 787           | 7,720          | 7,620          |
| Keanae #2            | 1             | 462           | 930           | 217           | 520           | 474           | 5             | 150           | 589           | 1             | 0             | 1             | 4,454          | 3,350          |
| Wakiu 550 B          | 1,413         | 818           | 49            | 2,493         | 2,130         | 1,682         | 2,225         | 1,282         | 3,546         | 2,293         | 2,029         | 1,932         | 22,107         | 21,892         |
| Wakiu C              | 1,837         | 3,140         | 5,101         | 1,488         | 2,955         | 2,057         | 1,659         | 2,518         | 607           | 1             | 2             | 318           | 25,348         | 21,684         |
| <b>DAILY AVERAGE</b> | <b>309</b>    | <b>321</b>    | <b>356</b>    | <b>305</b>    | <b>372</b>    | <b>323</b>    | <b>340</b>    | <b>341</b>    | <b>341</b>    | <b>267</b>    | <b>291</b>    | <b>282</b>    | <b>4,079</b>   | <b>321</b>     |
| <b>Molokai</b>       |               |               |               |               |               |               |               |               |               |               |               |               |                |                |
| Kawela 551           | 0             | 2             | 0             | 0             | 1             | 0             | 1             | 1             | 7             | 8             | 6             | 9             | 37             | 34             |
| Kawela 552           | 3,405         | 4,031         | 3,279         | 4,607         | 5,258         | 5,081         | 3,871         | 3,932         | 4,437         | 4,724         | 4,424         | 4,301         | 55,288         | 51,349         |
| Ualapue 553          | 3,296         | 2,645         | 4,158         | 3,541         | 3,812         | 2,774         | 2,066         | 3,381         | 2,383         | 681           | 1,642         | 4,137         | 35,903         | 34,515         |
| Ualapue 554          | 1,429         | 3,080         | 1,192         | 2,926         | 3,049         | 4,320         | 5,028         | 1,529         | 2,543         | 4,480         | 3,899         | 1,196         | 38,655         | 34,670         |
| Kualapuu             | 11,882        | 15,603        | 14,796        | 16,366        | 18,473        | 19,394        | 18,639        | 16,041        | 16,191        | 16,592        | 14,639        | 15,558        | 209,967        | 194,174        |
| Waikalae Tunnel      | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0              | 0              |
| <b>DAILY AVERAGE</b> | <b>715</b>    | <b>818</b>    | <b>781</b>    | <b>885</b>    | <b>1,020</b>  | <b>1,018</b>  | <b>955</b>    | <b>829</b>    | <b>825</b>    | <b>883</b>    | <b>794</b>    | <b>813</b>    | <b>10,963</b>  | <b>862</b>     |

### DWS Groundwater Use - Island of Maui

| Aquifer Sector | Aquifer System | Sustainable Yield (MGD) | Well Name               | Well No. | Total Pumpage Last 12 Months | Pumpage MAV as of 1/31/19 | % Sustainable Yield |
|----------------|----------------|-------------------------|-------------------------|----------|------------------------------|---------------------------|---------------------|
| Wailuku        | Waikapu        | 3                       |                         |          |                              |                           |                     |
|                |                |                         |                         |          |                              |                           |                     |
|                | Iao            | 20                      |                         |          |                              |                           |                     |
|                |                |                         | Mokuhaui 1              | 5330-09  | 216,296,000                  | 592,592                   | 2.96%               |
|                |                |                         | Mokuhaui 2              | 5330-10  | 0                            | 0                         | 0.00%               |
|                |                |                         | Mokuhaui 3              | 5330-11  | 823,735,000                  | 2,256,808                 | 11.28%              |
|                |                |                         | Waihee 1                | 5431-02  | 636,455,000                  | 1,743,712                 | 8.72%               |
|                |                |                         | Waihee 2                | 5431-03  | 573,232,000                  | 1,570,499                 | 7.85%               |
|                |                |                         | Waihee 3                | 5431-04  | 1,224,459,000                | 3,354,682                 | 16.77%              |
|                |                |                         | Waiehu Heights 1        | 5430-01  | 0                            | 0                         | 0.00%               |
|                |                |                         | Waiehu Heights 2        | 5430-02  | 397,607,000                  | 1,089,334                 | 5.45%               |
|                |                |                         | Wailuku Shaft 33        | 5330-05  | 0                            | 0                         | 0.00%               |
|                |                |                         | Kepaniwai               | 5332-05  | 261,933,000                  | 717,625                   | 3.59%               |
|                |                |                         | Iao Tank Site Well      | 5230-02  | 299,322,000                  | 820,060                   | 4.10%               |
|                |                |                         | Waikapu Well            | 5131-01  | 390,176,000                  | 1,068,975                 | 5.34%               |
|                |                |                         | Wailuku 1               | 5230-04  | 384,025,000                  | 1,052,123                 | 5.26%               |
|                |                |                         | Wailuku 2               | 5230-05  | 779,919,000                  | 2,136,764                 | 10.68%              |
|                |                |                         | <b>Iao Subtotal</b>     |          |                              | <b>16,403,175</b>         | <b>82.02%</b>       |
|                |                |                         |                         |          |                              |                           |                     |
|                | Waihee         | 8                       |                         |          |                              |                           |                     |
|                |                |                         | North Waihee # 1        | 5631-02  | 275,570,000                  | 754,986                   | 9.44%               |
|                |                |                         | North Waihee # 2        | 5631-03  | 299,786,000                  | 821,332                   | 10.27%              |
|                |                |                         | Kanoa 1                 | 5731-02  | 215,288,000                  | 589,830                   | 7.37%               |
|                |                |                         | Kanoa 2                 | 5731-04  | 242,180,000                  | 663,507                   | 8.29%               |
|                |                |                         | Kupaa                   | 5731-03  | 442,228,000                  | 1,211,584                 | 15.14%              |
|                |                |                         | <b>Waihee Subtotal</b>  |          |                              | <b>4,041,238</b>          | <b>50.52%</b>       |
|                |                |                         |                         |          |                              |                           |                     |
|                | Kahakuloa      | 5                       |                         |          |                              |                           |                     |
| Central        | Kahului        | 1                       |                         |          |                              |                           |                     |
|                |                |                         | Maui Lani #5            | 5229-04  | 69,968,000                   | 191,693                   | 19.17%              |
|                |                |                         | Maui Lani #6            | 5229-05  | 133,917,000                  | 366,896                   | 36.69%              |
|                |                |                         | Maui Lani #7            | 5229-06  | 197,055,000                  | 539,877                   | 53.99%              |
|                |                |                         | <b>Kahului Subtotal</b> |          |                              | <b>1,098,466</b>          | <b>109.85%</b>      |
|                |                |                         |                         |          |                              |                           |                     |
|                | Kamaole        | 11                      |                         |          |                              |                           |                     |
|                |                |                         |                         |          |                              |                           |                     |
|                | Paia           | 7                       |                         |          |                              |                           |                     |
|                |                |                         | Hamakuapoko 1           | 5420-02  | 0                            | 0                         | 0.00%               |
|                |                |                         | Hamakuapoko 2           | 5320-01  | 0                            | 0                         | 0.00%               |
|                |                |                         | <b>Paia Subtotal</b>    |          |                              | <b>0</b>                  | <b>0.00%</b>        |
|                |                |                         |                         |          |                              |                           |                     |
|                | Makawao        | 7                       |                         |          |                              |                           |                     |
|                |                |                         | Pookela                 | 5118-02  | 1,577,000                    | 4,321                     | 0.06%               |
|                |                |                         | <b>Makawao Subtotal</b> |          |                              | <b>4,321</b>              | <b>0.06%</b>        |
| Koolau         | Haiku          | 27                      |                         |          |                              |                           |                     |
|                |                |                         | Kaupakalua              | 5317-01  | 190,778,000                  | 522,679                   | 1.94%               |
|                |                |                         | Haiku                   | 5419-01  | 79,422,000                   | 217,595                   | 0.81%               |
|                |                |                         | <b>Haiku Subtotal</b>   |          | <b>0</b>                     | <b>740,274</b>            | <b>2.74%</b>        |
|                |                |                         |                         |          |                              |                           |                     |
|                | Honopou        | 25                      |                         |          |                              |                           |                     |
|                | Waikamoi       | 40                      |                         |          |                              |                           |                     |
|                |                |                         |                         |          |                              |                           |                     |
|                | Keanae         | 83                      |                         |          |                              |                           |                     |
|                |                |                         | Keanae 1                | 5108-01  | 7,620,000                    | 20,877                    | 0.03%               |
|                |                |                         | Keanae 2                | 5108-02  | 3,350,000                    | 9,178                     | 0.01%               |
|                |                |                         | <b>Keanae Subtotal</b>  |          |                              | <b>30,055</b>             | <b>0.04%</b>        |
| Hana           | Kuhiwa         | 14                      |                         |          |                              |                           |                     |
|                |                |                         |                         |          |                              |                           |                     |
|                | Kawaipapa      | 48                      |                         |          |                              |                           |                     |
|                |                |                         | Hamoia 1                | 4300-02  | 33,240,000                   | 91,068                    | 0.19%               |
|                |                |                         | Hamoia 2                | 4300-03  | 29,268,000                   | 80,186                    | 0.17%               |

| Aquifer Sector | Aquifer System             | Sustainable Yield (MGD) | Well Name   | Well No. | Total Pumpage Last 12 Months | Pumpage MAV as of 1/31/19 | % Sustainable Yield |
|----------------|----------------------------|-------------------------|-------------|----------|------------------------------|---------------------------|---------------------|
|                |                            |                         | Wakiu B     | 4600-03  | 21,892,000                   | 59,978                    | 0.12%               |
|                |                            |                         | Wakiu C     | 4600-04  | 21,684,000                   | 59,408                    | 0.12%               |
|                | <b>Kawaipapa Subtotal</b>  |                         |             |          |                              | <b>290,641</b>            | <b>0.61%</b>        |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Waihoi</b>              | <b>18</b>               |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Kipahulu</b>            | <b>42</b>               |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
| Kahikinui      | <b>Kaupo</b>               | <b>16</b>               |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Nakula</b>              | <b>7</b>                |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Lualailua</b>           | <b>11</b>               |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
| Lahaina        | <b>Honokohau</b>           | <b>9</b>                |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Honolua</b>             | <b>8</b>                |             |          |                              |                           |                     |
|                |                            |                         | Napili A    | 5838-01  | 150,078,000                  | 411,173                   | 5.14%               |
|                |                            |                         | Napili B    | 5838-02  | 50,753,000                   | 139,049                   | 1.74%               |
|                |                            |                         | Napili C    | 5838-04  | 195,423,000                  | 535,405                   | 6.69%               |
|                |                            |                         | Honokahua A | 5838-03  | 0                            | 0                         | 0.00%               |
|                |                            |                         | Honokahua B | 5938-01  | 133,066,000                  | 364,564                   | 4.56%               |
|                | <b>Honolua Subtotal</b>    |                         |             |          |                              | <b>1,450,192</b>          | <b>18.13%</b>       |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Honokowai</b>           | <b>6</b>                |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Launiupoko</b>          | <b>7</b>                |             |          |                              |                           |                     |
|                |                            |                         | Kanaha 1    | 5339-03  | 28,207,000                   | 77,279                    | 1.10%               |
|                |                            |                         | Kanaha 2    | 5339-04  | 8,752,000                    | 23,978                    | 0.34%               |
|                |                            |                         | Waipuka 1   | 5339-01  | 18,910,000                   | 51,808                    | 0.74%               |
|                |                            |                         | Waipuka 2   | 5339-02  | 21,005,000                   | 57,548                    | 0.82%               |
|                | <b>Launiupoko Subtotal</b> |                         |             |          |                              | <b>210,614</b>            | <b>3.01%</b>        |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Olowalu</b>             | <b>2</b>                |             |          |                              |                           |                     |
|                |                            |                         |             |          |                              |                           |                     |
|                | <b>Ukumehame</b>           | <b>2</b>                |             |          |                              |                           |                     |



# DWS Groundwater Use - Island of Molokai

| Aquifer Sector | Aquifer System    | Sustainable Yield | Developable Yield | Well Name       | Well No. | Total Pumpage Last 12 Months | Pumpage MAV as of 1/31/19 | Sustainable Yield - % DWS | % DY MWWGR |
|----------------|-------------------|-------------------|-------------------|-----------------|----------|------------------------------|---------------------------|---------------------------|------------|
| West           | Kaluakoi          | 2                 | 2                 |                 |          |                              |                           |                           |            |
|                | Punakou           | 2                 | 2                 |                 |          |                              |                           |                           |            |
| Central        | Hoolehua          | 2                 | 2                 |                 |          |                              |                           |                           |            |
|                | Manawainui        | 2                 | 2                 |                 |          |                              |                           |                           |            |
|                | Kualapuu          | 5                 | 5                 |                 |          |                              |                           |                           |            |
|                |                   |                   |                   | Kualapuu        | 0801-03  | 194,174,000                  | 531,984                   | 10.64%                    | 10.64%     |
|                |                   |                   |                   | Waikalae Tunnel | 1059-01  | 0                            | 0                         | 0.00%                     | 0.00%      |
|                | Kualapuu Subtotal |                   |                   |                 |          |                              | 531,984                   | 10.64%                    | 10.64%     |
| Southeast      | Kamiloloa         | 3                 | 3                 |                 |          |                              |                           |                           |            |
|                | Kawela            | 5                 | 5                 |                 |          |                              |                           |                           |            |
|                |                   |                   |                   | Kawela          | 0457-01  | 51,383,000                   | 140,775                   | 2.82%                     | 2.82%      |
|                | Kawela Subtotal   |                   |                   |                 |          |                              | 140,775                   | 2.82%                     | 2.82%      |
|                | Ualapue           | 8                 | 8                 |                 |          |                              |                           |                           |            |
|                |                   |                   |                   | Ualapue         | 0449-01  | 69,185,000                   | 189,548                   | 2.37%                     | 2.37%      |
|                | Ualapue Subtotal  |                   |                   |                 |          |                              | 189,548                   | 2.37%                     | 2.37%      |
|                | Waiialua          | 6                 | 8                 |                 |          |                              |                           |                           |            |
| Northeast      | Kalaupapa         | 2                 | 0                 |                 |          |                              |                           |                           |            |
|                | Kahanui           | 3                 | 0                 |                 |          |                              |                           |                           |            |
|                | Waikolu           | 5                 | 4.5               |                 |          |                              |                           |                           |            |
|                | Haupu             | 2                 | 0                 |                 |          |                              |                           |                           |            |
|                | Pelekunu          | 9                 | 0                 |                 |          |                              |                           |                           |            |
|                | Wailau            | 15                | 0                 |                 |          |                              |                           |                           |            |
|                | Halawa            | 8                 | 0                 |                 |          |                              |                           |                           |            |
|                |                   |                   |                   |                 |          |                              |                           |                           |            |

