

| Period 6 | SOURCE WATER PUMPED - GALLONS | | | | | | | | | | | | | TO DATE 2017 THIS YEAR |
|---|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|
| | PERIOD 1 2017 1/12/2017 | PERIOD 2 2017 2/14/2017 | PERIOD 3 2017 3/9/2017 | PERIOD 4 2017 4/21/2017 | PERIOD 5 2017 5/4/2017 | PERIOD 6 2017 6/1/2017 | PERIOD 7 2017 6/29/2017 | PERIOD 8 2017 7/27/2017 | PERIOD 9 2017 8/24/2017 | PERIOD 10 2017 9/21/2017 | PERIOD 11 2017 10/19/2017 | PERIOD 12 2017 11/16/2017 | PERIOD 13 2017 12/14/2017 | |
| 5-5053-001 Maunalei Tunnel - (Lwr) | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE |
| 5-5053-002 Maunalei Tunnel - (Upr) | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE |
| 5-5154-001 Maunalei - (Shaft # 2) | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE |
| 5-4853-002 Well # 1 (BRACKISH) | 3,429,000 | (Out of service) 8,000 | 2,735,000 | 4,194,000 | 1,619,000 | 9,251,000 | | | | | | | | 21,236,000 |
| 5-4854-001 Well # 9 (BRACKISH) | 943,900 | 10,642,200 | 4,458,300 | Out of Service | Out of Service | Out of Service | | | | | | | | 16,044,400 |
| 5-4854-002 Well # 14 (BRACKISH) | pump out 0 | (Out of service) 0 | (Out of service) 0 | 4,710,000 | 13,653,000 | 2,348,000 | | | | | | | | 20,711,000 |
| 5-4753-001 Well #15 (BRACKISH) | 9,619,000 | 11,903,000 | 5,305,000 | 6,370,000 | 1,596,000 | 13,488,000 | | | | | | | | 48,281,000 |
| 5-4953-001 Well # 2 - (Shaft # 3) | | | | | | | | | | | | | | 0 |
| 5-4954-003 (replaces -001) Well # 3 - (City) | 2,152,000 | 5,911,000 | 3,984,000 | (Out of Service) 739,000 | (Out of Service) | (Out of Service) | | | | | | | | 12,786,000 |
| 5-4952-002 Well # 4 | 9,549,000 | 11,196,000 | 8,682,000 | 9,271,000 | 10,235,000 | 11,800,000 | | | | | | | | 60,733,000 |
| 5-4852-002 Well # 5 - monitor well | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE |
| 5-5054-002 Well # 6 | 3,174,000 | 1,047,000 | 3,621,000 | 5,557,000 | 7,954,000 | 7,732,000 | | | | | | | | 29,085,000 |
| 5-5055-001 Well # 7 | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE | NOT IN SERVICE |
| 5-4954-002 Well # 8 - (City) | 6,296,000 | 4,847,000 | 3,289,000 | 4,918,000 | 8,059,000 | 7,037,000 | | | | | | | | 34,446,000 |
| 5-4954-002 Well # 8 - (Hii Reservoir) | 0 | 881,000 | 0 | 0 | 0 | 0 | | | | | | | | 881,000 |
| TOTAL | 35,162,900 | 46,435,200 | 32,074,300 | 35,759,000 | 43,116,000 | 51,656,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 244,203,400 |

WATER USE - BRACKISH AND RECLAIMED WATER

| | | | | | | | | | | | | | | |
|---|-----------------------------|-----------------------------|---------------------------|------------|------------|------------|--|--|--|--|--|--|--|------------|
| 15/M Gal. Reservoir : Chloride Reading | 10,687,229 CL = 471 mg/l | 11,563,385 CL = 463 mg/l | 11,241,055 CL=450 mg/L | 13,413,671 | 9,592,630 | 9,592,630 | | | | | | | | |
| Manele Golf Course Irrig (BRACKISH) 8" | 7,832,408 | 10,989,133 | 6,598,400 | 8,700,569 | 12,689,387 | 16,337,452 | | | | | | | | 63,147,349 |
| Manele Landscape Irrig. (BRACKISH) residential | 6,796,000 | 7,726,000 | 4,532,000 | 5,117,000 | 7,208,000 | 7,403,000 | | | | | | | | 38,782,000 |
| Effluent use R1 @ Manele Golf Course Irrig | 1,896,000 | 959,000 | 1,175,000 | 692,000 | 1,503,000 | 989,000 | | | | | | | | 7,214,000 |
| AWWTP R1 (city) Koele Golf Course Irrig | 1,552,310 | 2,895,190 | 1,988,500 | 178,600 | 2,696,000 | 987,000 | | | | | | | | 10,297,600 |

DISTRIBUTION - GALLONS

| | 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 | TO DATE THIS YEAR |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|----------|----------|-----------|-----------|-----------|-----------|----------------------|
| To City Grid | 11,576,200 | 11,707,000 | 10,837,700 | 11,111,800 | 15,974,600 | 14,733,000 | | | | | | | | 75,940,300 |
| Manele Pot & Brackish (Brackish wells & 5501 Meter) | 21,811,900 | 34,412,200 | 20,710,300 | 21,261,000 | 24,353,000 | 32,854,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 155,402,400 |
| Palawai Meter | 1,892,000 | 2,580,415 | 2,116,758 | 1,775,826 | 2,162,174 | 2,161,000 | | | | | | | | 12,688,173 |
| To Kaunapau/Harbor | 45,800 | 98,000 | 56,300 | 102,200 | 38,400 | 36,000 | | | | | | | | 376,700 |
| TOTAL | 35,325,900 | 48,797,615 | 33,721,058 | 34,250,826 | 42,528,174 | 49,784,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 244,407,573 |

PERIODIC WATER REPORT
TEMPERATURE AND CHLORIDE

| Period 6 2017 | PERIOD 1 1/12/2017 | | PERIOD 2 2/14/2017 | | PERIOD 3 3/9/2017 | | PERIOD 4 4/21/2017 | | PERIOD 5 5/4/2017 | | PERIOD 6 6/1/2017 | | PERIOD 7 6/29/2017 | | PERIOD 8 7/27/2017 | | PERIOD 9 8/24/2017 | | PERIOD 10 9/21/2017 | | PERIOD 11 10/19/2017 | | PERIOD 12 11/16/2017 | | PERIOD 13 12/14/2017 | | |
|----------------------|-----------------------|---------|-----------------------|--------|----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|------------------------|--------|-------------------------|--------|-------------------------|--------|-------------------------|--------|---|
| | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | Temp. | Chlrd. | |
| | Well # 1 (BRACKISH) | Not use | | 82 | 361 | | 305 | 80 | 231 | | | 82 | 281 | | | | | | | | | | | | | | |
| Well # 9 (BRACKISH) | 84 | 414 | 82 | 424 | | | | | | | | | | | | | | | | | | | | | | | |
| Well # 14 (BRACKISH) | Pump out | | | | | | 86 | 778 | | | 86 | 807 | | | | | | | | | | | | | | | |
| Well # 15 (BRACKISH) | 78 | 504 | 78 | 516 | | 510 | 85 | 503 | | | 80 | 497 | | | | | | | | | | | | | | | |
| Well # 2 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Well # 3 | 72 | 31 | 74 | 37 | 74 | | | | | | | | | | | | | | | | | | | | | | |
| Well # 4 | 66 | 15 | 66 | 20 | 66 | | 66 | 18 | | | 68 | 28 | | | | | | | | | | | | | | | |
| Well # 6 | 68 | 28 | 68 | 28 | | | 68 | 32 | | | 72 | 29 | | | | | | | | | | | | | | | |
| Well # 7 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Well # 8 | 72 | 40 | 62 | 40 | 62 | | 78 | 44 | | | 74 | 47 | | | | | | | | | | | | | | | |

- NOTE:
1. Temperature reading is in Fahrenheit.
 2. Chloride content is in milligrams per liter (mg/L) or in equivalent parts per million (ppm).
 3. * Wells or Tunnel not in service. Data not available.
 4. WELLS # 1, # 9, # 14, #15 CHLORIDES ARE AVG FROM (TNWRE, FQLABS & LWC)

