

WATER CONSUMPTION REPORT - 2020

WATER VOLUME ENTERING DISTRIBUTION SYSTEM

| 1 A. Total Volume Produced | January-20 | February-20 | March-20 | April-20 | May-20 | June-20 | July-20 | August-20 | September-20 | October-20 | November-20 | December-20 | Totals |
|---|------------------|------------------|----------|----------|----------|----------|----------|-----------|--------------|------------|-------------|-------------|------------------|
| Total Volume Produced Well #1 | 740,000 | 660,000 | | | | | | | | | | | 1,400,000 |
| Total Volume Produced Well #2 | 0 | 0 | | | | | | | | | | | 0 |
| Total Volume Produced Well #3a | 788,700 | 767,400 | | | | | | | | | | | 1,556,100 |
| Total Volume Produced Well #3b | 1,065,300 | 1,027,400 | | | | | | | | | | | 2,092,700 |
| Total Volume Produced Well #4 | 213,800 | 222,900 | | | | | | | | | | | 436,700 |
| Total Volume Produced Well #5 | 24,700 | 121,400 | | | | | | | | | | | 146,100 |
| Total Volume Produced Well #6 | 1,575,500 | 904,000 | | | | | | | | | | | 2,479,500 |
| 1 B. Total Volume Purchased | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| 1. Total Water Produced All Sources: | 4,408,000 | 3,703,100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,111,100 |

TOTAL VOLUME CONSUMED

| | | | | | | | | | | | | | |
|---|------------------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------------|
| 2 A. Water Volume Metered (Billed and Unbilled) | 3,669,889 | 3,526,709 | | | | | | | | | | | 7,196,598 |
| 2 C. Estimated Authorized Uses (May be billed or Unbilled) | | | | | | | | | | | | | 0 |
| Utility Flushing and Tank Cleaning | | | | | | | | | | | | | 0 |
| Firefighting and Training | | | | | | | | | | | | | 0 |
| Storm or Sewer Cleaning / Street Sweep | | | | | | | | | | | | | |
| Other: | | | | | | | | | | | | | |
| Distribution storage - Allowed | | | | | | | | | | | | | |
| 2. Total Authorized Consumption | 3,669,889 | 3,526,709 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,196,598 |

| | | | | | | | | | | | | | |
|-------------------------|----------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|
| Total Volume DSL | 738,111 | 176,391 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 914,502 |
|-------------------------|----------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|

| | | | | | | | | | | | | | |
|--------------------|--------------|-------------|--|--|--|--|--|--|--|--|--|--|--|
| Percent DSL | 16.7% | 4.8% | | | | | | | | | | | |
|--------------------|--------------|-------------|--|--|--|--|--|--|--|--|--|--|--|

| | | | |
|--------------------------------|--------------|--|--------------|
| Year to Date Total DSL: | 11.3% | Compliance with leakage standard is based on a 3-year average from last three submitted years | 10.6% |
| | | Next years 3 year average based on current data | 12.8% |

| Water Rights Data | Right (acft/yr) | | Total | Acre-feet used | %Water right used | WR allocated (AFY) | WR allocated (%) | MIFR (Q) GPM |
|--|-----------------|---------------|------------------|----------------|-------------------|--------------------|------------------|-----------------|
| | AFY (Q) | % of total | | | | | | |
| 5566-A (G2-08049) AHA-974 S05 Well #1 | 117 | 16.7% | 1,400,000 | 4.3 | 3.7% | 4.3 | 0.6% | 100 |
| 5587-A AHA-978 S02 Well #2 | 166 | 23.7% | 0 | 0.0 | 0.0% | 8.1 | 1.2% | 200 |
| 5888-A (G2-08834) AHA-976 S03 Well #3A | 84 | 12.0% | 1,556,100 | 4.8 | 5.7% | 4.8 | 0.7% | 100 |
| APP G2-29483 AHA-975 S06 Well #3B | 254 | 36.3% | 2,092,700 | 6.4 | 2.5% | | 0.0% | 210 |
| 7012-A (G2-09889) AHA-973 S04 Well #4 | 79 | 11.3% | 436,700 | 1.3 | 1.7% | 1.3 | 0.2% | 100 |
| G2-27215 AHA-977 S07 Well #5* | 152 | 15.0% | 146,100 | 0.4 | 0.3% | | 0.0% | 190 |
| G2-27443 S08 Well #6* | 160 | 15.8% | 2,479,500 | 7.6 | 4.8% | | 0.0% | 200 |
| Total AFY without supplementals | 700 | 130.8% | 8,111,100 | 24.9 | 3.8% | 18.5 | 2.6% | 710 |
| Total* | 1,012 | | | | | | | 1100 GPM |

| Electrical Usage in Kwh | | | | | | | | | | | | | Total |
|-------------------------|---------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| | Jan-18 | Feb-20 | Mar-20 | Apr-20 | May-20 | Jun-20 | Jul-20 | Aug-20 | Sep-20 | Oct-20 | Nov-20 | Dec-20 | |
| Well #1 | 2,170 | 1,869 | | | | | | | | | | | 4,039 |
| Well #2 | | | 2844 | | | | | | | | | | 2,844 |
| Well #3 | 6,319 | 5,698 | | | | | | | | | | | 12,017 |
| Well #4 | 775 | 819 | | | | | | | | | | | 1,594 |
| Well #5 | 403 | 720 | | | | | | | | | | | 1,123 |
| Well #6 | 6,544 | 4,211 | | | | | | | | | | | 10,755 |
| total: | 16,211 | 16,161 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32,372 |

| Gallons Per Kwh | | | | | | | | | | | | | Gal/Kwh YTD |
|-----------------|------------|------------|--|--|--|--|--|--|--|--|--|--|-------------------------------|
| Well #1 | 341 | 353 | | | | | | | | | | | 347 |
| Well #2 | | 0 | | | | | | | | | | | 0 |
| Well #3 | 293 | 315 | | | | | | | | | | | 304 |
| Well #4 | 276 | 272 | | | | | | | | | | | 274 |
| Well #5 | 61 | 169 | | | | | | | | | | | 115 |
| Well #6 | 241 | 215 | | | | | | | | | | | 228 |
| total: | 272 | 229 | | | | | | | | | | | 251 |
| | | | | | | | | | | | | | AVG Gal/Kwh combined = |

| Historical Data | | | |
|-----------------|------------|------------|-------|
| | Pumped | Sold | Loss |
| 2010 | 69,790,309 | 66,840,300 | 4.2% |
| 2011 | 60,958,882 | 56,483,665 | 7.3% |
| 2012 | 57,963,886 | 54,775,298 | 5.5% |
| 2013 | 56,859,553 | 54,275,297 | 4.5% |
| 2014 | 62,649,611 | 60,973,228 | 2.7% |
| 2015 | 66,109,416 | 61,749,171 | 6.6% |
| 2016 | 66,784,811 | 62,157,037 | 6.9% |
| 2017 | 64,963,044 | 62,010,322 | 4.5% |
| 2018 | 67,149,235 | 64,162,480 | 4.4% |
| 2019 | 79,119,500 | 61,189,708 | 22.7% |
| 2020 | 8,111,100 | 7,196,598 | 11.3% |
| 2021 | 8,111,100 | 7,196,598 | 11.3% |
| 2022 | 8,111,100 | 7,196,598 | 11.3% |
| 2023 | 8,111,100 | 7,196,598 | 11.3% |
| 2024 | 8,111,100 | 7,196,598 | 11.3% |
| 2025 | 8,111,100 | 7,196,598 | 11.3% |

Updated March 7, 2019 per Water Use Efficiency Guide Book Third Edition (Jan. 2017) per WSDOH Division of Environmental Health Office of Drinking Water Pub. DOH 331-375

Distribution System Leakage Notes: