

Asociación de Vecindados en Tecamatlán, A.C.

Water Commissioner's Report –January 2024

La Huerta Well Monitoring

- December average – 16.57 cu. mtrs./day took 12.38 kWhrs./day (1.80 cu. mtrs./kWhr.)
- January average – 37.8 cu. mtrs./day took 21.29 kWhrs./day (1.77 cu. mtrs./kWhr.)
- Run time – 1.53 hrs./day @ 6.69 ltrs./sec. flow rate (from 6.72 in December)
- Water loss of 96.13 cu. mtrs. – 8.31% (1156.13 cu. mtrs. pumped vs. 1060 cu. mtrs. billable), from 104 cu. mtrs. – 14.71% in the previous month

La Calma Well Monitoring

- December average – 17.00 cu. mtrs./day took 12.39 kWhrs./day (1.34 cu. mtrs./kWhr.)
- January average – 24.72 cu. mtrs./day took 18.02 kWhrs./day (1.37 cu. mtrs./kWhr.)
- Run time – 1.95 hrs./day @ 3.52 ltrs./sec. flow rate (from 3.53 in December)
- Water loss of **124.39 cu. mtrs. – 15.96%** (779.39 cu. mtrs. pumped vs. 655 mtrs. billable), from 26.59 cu. mtrs. – 5.06% in the previous month

Maintenance Items Completed This Past Month

- Removed, cleaned and re-installed blocked master water meter on La Huerta pozo
- Replaced water meters for Casa Bedolla, Sanchez and Franco

Maintenance "To Do" List

- Repair leaks in La Calma (3 locations) (\$1,500 est.)
- Replace and reconfigure pump control cabinet for La Huerta pozo (\$2,000 est.)
- Install power factor correction capacitor (5 kVAR) on La Huerta pump (already sourced)
- Install stone filter on La Huerta well head (already sourced)
- Clear rock & debris to open new access to La Calma pozo site (\$5,000 est.)
- Construct concrete footing and gravel for La Calma gate access (\$5,000 est.)

New Work & Project Items Completed This Past Month

- Reconfigured Access Links for Casas Miller, Rohac, Gerenda, and Cervantes
- Installed new water meters for Casas Miller, Rohac, Gerenda, and Cervantes
- Repaired masonry for water meter nacelle at Casa Miller

New Work & Project Items "To Do" List

- Source & install 10 cu. mtr. above ground storage tank for Camino Real pozo site (\$30,000 est.)
- Design and construct sun protection cover/walls for new tank install (\$20,000 est.)
- Reconfigure Access Link for Casa McCamis (\$800 est.)
- Complete shutoff valve box near Casa Kelly for new branch extension (\$2,000 est.)
- Construct valve box covers for new installs (Qty. 4 - \$2,000 est.)