

## **Asociación de Vecindados en Tecamatlán, A.C.**

### **Water Commissioner's Report –January 2023**

#### **La Huerta Well Monitoring**

- December average – 35.67 cu. mtrs./day took 19.45 kWhrs./day (1.83 cu. mtrs./kWhr.)
- January average – 35.19 cu. mtrs./day took 19.32 kWhrs./day (1.82 cu. mtrs./kWhr.)
- Run time – 1.69 hrs./day @ 7.10 ltrs./sec. flow rate (from 7.09 in December)
- Water loss of 98.92 cu. mtrs. – 9.07% (1090.52 cu. mtrs. pumped vs. 992 cu. mtrs. billable), from 116.65 cu. mtrs. – 10.55% in the previous month

#### **La Calma Well Monitoring**

- December average – 17.81 cu. mtrs./day took 23.55 kWhrs./day (0.76 cu. mtrs./kWhr.)
- January average – 17.53 cu. mtrs./day took 24.87 kWhrs./day (0.70 cu. mtrs./kWhr.)
- Run time – 2.79 hrs./day @ 1.75 ltrs./sec. flow rate (from 1.88 in December)
- Water loss of 36.29 cu. mtrs. – 6.68% (543.29 cu. mtrs. pumped vs. 507 mtrs. billable), from 41.02 cu. mtrs. – 7.43% in the previous month

#### **Maintenance Items Completed This Past Month**

- Replaced failed water flow sensor reed switch on La Huerta pozo meter (\$600)
- Replaced leaking pressure gauge on La Huerta well head (\$500)
- Installed level control system for new Camino Real storage tank (\$3,000)

#### **Maintenance "To Do" List**

- Replace leaking pressure gauge on La Calma well head (\$500 est.)
- Diagnose and determine a solution for failed level controls - La Huerta & Camino Real (\$20,000)
- Paint steelwork for fence, gate and well control enclosure at La Calma pozo site (\$5,000 est.)
- Construct concrete footing for La Calma pozo entrance and add gravel for access (\$5,000 est.)
- Remove, inspect & repair degrading pump in La Calma pozo (\$120,000 est.)

#### **New Work & Project Items Completed This Past Month**

- Constructed concrete platform for Camino Real storage tank (\$20,000)

#### **New Work & Project Items "To Do" List**

- Complete new Access Links for Casas McCamis, Rohac, Gerenda, and Miller (\$2,000 est.)
- Source & install 10 cu. mtr. above ground storage tank for Camino Real pozo site (\$85,000 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.)