

Asociación de Vecindados en Tecamatlán, A.C.

Water Commissioner's Report – February/March 2023

La Huerta Well Monitoring

- March average – 50.86 cu. mtrs./day took 28.08 kWhrs./day (1.81 cu. mtrs./kWhr.)
- February average – 42.88 cu. mtrs./day took 23.59 kWhrs./day (1.81 cu. mtrs./kWhr.)
- Run time – 2.04 hrs./day @ 6.86 ltrs./sec. flow rate (from 6.89 in February)
- Water loss of 209.23 cu. mtrs. – 13.12% (1,594.23 cu. mtrs. pumped vs. 1,385 cu. mtrs. billable), from 158.75 cu. mtrs. – 13.22% in the previous month

La Calma Well Monitoring

- March average – 27.0 cu. mtrs./day took 48.38 kWhrs./day (0.56 cu. mtrs./kWhr.)
- February average – 20.91 cu. mtrs./day took 34.06 kWhrs./day (0.61 cu. mtrs./kWhr.)
- Run time – 5.65 hrs./day @ 1.35 ltrs./sec. flow rate (from 1.50 in February)
- Water loss of 86.70 cu. mtrs. – 10.19% (850.70 cu. mtrs. pumped vs. 764 mtrs. billable), from 34.38 cu. mtrs. – 5.86% in the previous month. **Note: Poncitlan Bomberos use to fight fire.**

Maintenance Items Completed This Past Month

- Replaced leaking pressure gauge on La Calma well head (\$500)
- Replaced leaking water meter for Dwyer apartments (\$500)
- Installed remote transfer pump control for upper Camino Real Members (\$1,500)

Maintenance "To Do" List

- Pull, inspect and possibly replace La Calma pozo pump and riser (\$70,000 - \$100,000 est.)
- Video camera inspect and chemically clean La Calma pozo (\$30,000 est.)
- Develop a backup system for legacy level controls - La Huerta & Camino Real (\$20,000 est.)
- 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.)

New Work & Project Items Completed This Past Month

- No new work or project items completed in February and March

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.)