

*Rotary makes a difference globally, working with partners around the world on projects that promote health, economic opportunity and inclusivity. With this news update, the Rotary Club of Milwaukee hopes to keep members and partners informed about the projects we are working on together in Guatemala.*

### **El Manantial Water Distribution Global Grant Project reaching completion**

The 2023 New Year will usher in a new way of life to families in El Manantial Guatemala. For the first time, a clean fresh sustainable water system will bring water directly to 125 households with a capacity for another 125 homes in the future. The water distribution system including a solar powered electric pump, water storage tank, water treatment, and gravity water system has been put into service.



Construction began in April of 2022. Since our last update in June, materials for the distribution system were delivered and the community came together providing labor to dig a 13 kilometer (8.07 mile) trench and install 3/4 inch PVC piping from the pump to the

village. In August, students from the Milwaukee School of Engineering who designed the project, travelled to El Manantial



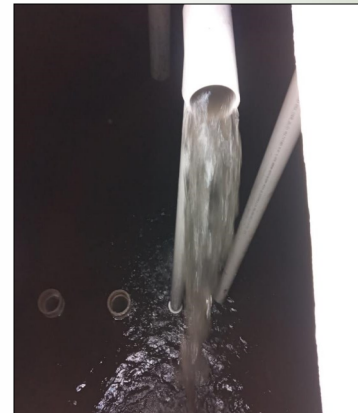
at their own expense to work with the community on the project and inspect the water tank installation. The solar panels shown above are one of the first arrays installed on our projects and are intended to provide some of the power for the water pump reducing energy costs.

Earlier this month members of Milwaukee Rotary, Vista Hermosa Rotary and Engineers Without Borders USA and Guatemala conducted a site visit to review the system construction progress, and oversee the installation of the solar powered pump at the site. After delays in delivery of the pump

due to supply chain issues, it arrived and was lowered into the well on December 8 using a drill rig crane. The installation



was completed that afternoon and no issues were observed.



A total of 20 HG pipe sections were installed, placing the pump approximately 400' below the ground surface. On December 10, water was flowing through the system.

The community has also completed both WASH hygiene training and system maintenance training.

**MERRY CHRISTMAS—FELIZ NAVIDAD!** Thanks to your support, many of our friends in Guatemala will have a very happy New Year.

#### ***El Manantial Water Distribution Partners***

**Rotary Clubs:** Fond du Lac Morning, Fox Cities Morning, Hartford, J.Henderson/Elkhorn, L.Haskin/Mitchell Field, Madison After Hours, Madison Downtown, Madison South, Milwaukee Downtown, Northshore, Oconomowoc, Sheboygan, Slinger/Allenton, Vista Hermosa GT, Waukesha Sunrise, Wauwatosa, West Allis.

**Districts:** 6220, 6270, 4250, 6420, 5170, 6250

**Others:** World Fund of the Rotary Foundation