

# RYDBECK RIPPLES

Sharing the living water.



Enabling Communities to improve spiritual and physical health through *Life-Giving Water*

## Ministry Update

**Imagine your house and property sliding down a steep mountainside!** Homes in Chañag San Miguel need to relocate, requiring modifications to the water system. A Calvin College civil engineering senior design team is evaluating the Chañag San Miguel water system and designing the improvements needed. In November, the five Chañag Puelaso communities rebuilt their failed spring protection structure to provide 8 liters per second (120 gallons per minute) of clean filtered spring water. The water system supplies about 500 homes.

At last, the community of Sanancahuan received government approval of the design for building their pumped water system. Approval took most of one year! This enables the community to receive about half of the materials from the municipality of Guamote. We helped them protect their springs last summer. *Life Giving Water International* donors supplied pumps and high pressure pipe. The community paid for the design cost, will provide the manual labor, and will cover other costs to



*Sanancahuan community leaders gave Efrain a ram in appreciation for obtaining government approval of the water system design.*

build their water system. During the coming months, *Kawsaypak Yaku*, our indigenous mission partner, plans to provide Bible studies and hold Vacation Bible School while helping to build the water system.

Though Mestizo people often mistreat the indigenous, *Kawsaypak Yaku* reached out to help the mestizo community of El Rosario, designing their water system, obtaining government funding, and providing technical supervision and health & hygiene classes. The protected springs now provide clean filtered ground water. Four reservoirs and two pressure breaking tanks also completed, enable the water system to deliver the appropriate pressure to each home and accommodate peak flows.

Excavation started for 5.4 miles of 4-foot-deep pipe trench to build the water distribution, supplying 95 homes. The community provides the manual labor and covers some costs. The municipality of Chambo, an evangelical German mission (DMG), and *Life Giving Water International* provide pipe and materials. A church in Riobamba held Bible classes for children in the community.



*In January, Calvin College engineering students, Jennah and Ariana, came to Ecuador to do the topographic survey of San Miguel.*





(right) El Rosario community members begin marking out the pipe trench excavation. (left) One of the four reservoirs ready to be connected to the water distribution



Victoria, Ariana, and Jennah measure chlorine disinfection levels in Castug Tungurahuilla



Cherith led a day-long seminar in Corrientes on inner wholeness for women preparing for international ministry.

## Happenings

• **WORLD WATER DAY** is March 22, 2017. Consider donating to enable families to enjoy the luxury of accessible clean water at their home! Information on donating is below.

• Cherith will have a total left knee replacement at Mount Auburn Hospital in Cambridge, MA, on March 29<sup>th</sup>. Bruce will work remotely and care for Cherith; lead the LGWI board meeting in April; and we anticipate visiting donors during the seven weeks in the US. Our US phone numbers are below.

• We enjoyed a brief visit from our son, Joel, in December, when he traveled for work to Ecuador and then on to Chile.

• Our ministry pickup truck was stolen on January 12. Although it was found that same evening by police, the legal process to recover the truck kept us from using it for seven weeks.

• Victoria Shrum, a mechanical engineer worked with us for three weeks in January, learning about Christ-centered community development and sustainable accessible clean water systems.

• Women in the indigenous community of Achullay invited Cherith to teach seminars during Carnival Holidays, February 27-28.

• Sharing the Good News is part of Cherith's everyday life as she meets people at the grocery store, taxi drivers, neighbors, and acquaintances. Recently, several people committed their lives to Jesus.

• Bruce taught a day-long seminar on spring protection and community development ministry for a Reach Beyond training program.

**Thank you for making a difference through prayer and giving.**

**Gratefully, Bruce & Cherith**

### We live in Ecuador — Our contact information is:

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[www.lgwi.org](http://www.lgwi.org) or [www.lifegivingwaterinternational.com](http://www.lifegivingwaterinternational.com)

### This ministry is supported through generous individuals and churches

Contributions can be made to Rydbeck Ministry Account #295  
World Outreach Ministries • PO Box B • Marietta, GA 30061

Checks can be made out to: **World Outreach Ministries**

Phone: 1-800-832-9673

On-line: [www.worldoutreach.org](http://www.worldoutreach.org)

### Send Project Donations to:

**Life Giving Water International** • 154 Temple Road, Waltham MA, 02452-7809

Volunteers and interns needed to help implement projects and build media communications

\$10,000 additional funding needed for Chañag San Miguel project • \$3000 for design work

Online donations can be made at [www.lgwi.org](http://www.lgwi.org)

Donations are tax deductible.