



# Rotary Club of Centennial Colorado



Centennial, Colorado

May 28, 2019

## ROTARY MINUTE



The Rotary Minute was presented by Glen Close. He gave us a definition of Rotary-an organization of business and professional people.

## BUSINESS MINUTE



One of our newest members, Scott DeWitt, spoke about being an Audiologist. He helps people with hearing loss, dizziness, ear plugs, and hearing aids. He spoke about a new hearing aid by Starkey which is more than a hearing aid. The hearing is named Livio® AI is the world's first hearing aid to provide both superior

sound quality and the ability to track body and brain health. Featuring integrated sensors and artificial intelligence, Livio AI can detect if you've fallen and act as an assistant. They are working on it being able to detect seizures.

## SPEAKERS



Matt Seitz, on the right, from the Westminster 7:10 Rotary Club and Gage Pilone, on the left, from the Colorado School of Mines, Mines Without Borders chapter, spoke on a water project in Los Gomez, Nicaragua.

Los Gomez is a small city in southwestern Nicaragua. They already have a well that is 250 ft deep. This project is to provide a new storage tank, a transformer for the well pump, 7 km (approximately 4.2 miles) of pipeline, a distribution system to 65 houses, a school, and a church. Each will be have a meter to determine use.

A more complete description of the project is in the description provided by the club. It is found on pages 3 and 4 of this newsletter.

## WEB MINUTE

A couple of weeks ago, John Peterson did a web minute on how to sign up on the web site for a function. I kind of buried the information in the newsletter. I am providing a more complete description here.

To sign up from a club function, go to the home page of the club web site ([www.bestrotary.org](http://www.bestrotary.org)) and click on the calendar link at the top of the page. Find the function you want to work and click on it. This will bring you to a page that describes the when and where. On the left side of this page is a link to the on-line registration.

## 2018-2019 Club Officers

President—Tim Eunice  
President Elect—Samantha Johnston  
Past President—John Berry  
Secretary—Karen Berry  
Treasurer—Barbara Medina  
Sergeant at Arms—Allen Jackson

## Directors

Technology—John Peterson  
Membership Growth & Enrichment—John Berry  
Communication—Jessica Sidener  
Millennial Satellite Club—Andrea Tagtow & Katie Guyon

## UPCOMING EVENTS

June 4—Randy Pye, Creation of a City  
June 11—Classification Talk—Lori Overton  
June 25—Debra Jessop and Gordon Close, Guitars for the Troops  
July 2—Samantha Johnston, Inaugural Address

### CLUB BUSINESS

- June 7—Ronald McDonald House needs volunteers. Go to the club web page to sign up. See the Web Minute in this newsletter on how to sign up on the club web page. This is a Millennial function.
- June 14—Centennial Summer Kick-Off needs volunteers. Go to the club web page to sign up. See the Web Minute in this newsletter on how to sign up on the club web page.
- June 19—Club Visioning will be held from 5:30 to 9 PM at the SEMSWA offices on Jordan Rd.
- June 29—Changing of the Guard. You should have received an invite from Trip Butler. Information for the place and time is on the club web site.
- Doug Hanna is still taking orders for club shirts. They will be dark blue, short sleeves with button down collars.
- June 22—Food Drive. Go to the club web page to sign up. See the Web Minute in this newsletter on how to sign up on the club web page.

### TRAVEL GIFTS

Debra Jessop brought a lot back from a trip to Portugal. Red socks with boats from Boston along with a Boston Red Sox hat. Port from Portugal along with Madera.

Katherine Henschen-Hauff brought a book from New York City on vintage post cards.

Karen Overton brought back a Mesa Verde patch, an ornament from the Durango-Silverton train, and a monopoly game based on Cortez, CO. She was 20 minutes behind the rock slide that blocked the road from Delores to Telluride.

### THIS DAY IN HISTORY

#### **1754—FIRST BLOOD IN THE FRENCH AND INDIAN WAR**

In the first engagement of the French and Indian War, a Virginia militia under 22-year-old Lieutenant Colonel George Washington defeats a French reconnaissance party in southwestern Pennsylvania. In a surprise attack, the Virginians killed 10 French soldiers from Fort Duquesne, including the French commander, Coulon de Jumonville, and took 21 prisoners. Only one of Washington's men was killed.

The French and Indian War was the last and most important of a series of colonial conflicts between the British and the American colonists on one side, and the French and their broad network of Native American allies on the other. Fighting began in the spring of 1754, but Britain and France did not officially declare war against each other until May 1756 and the outbreak of the Seven Years War in Europe.

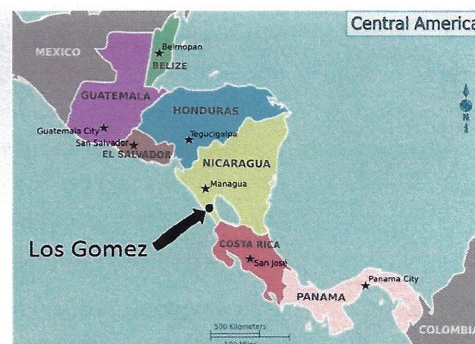


# Los Gomez, Nicaragua Water Supply Project—International District Grant



District 5450 Club #30412

- CLEAN, RELIABLE WATER DELIVERED TO RESIDENCES, CHURCH, AND SCHOOL
- COMMUNITY DRIVEN, SUSTAINABLE
- LONG TERM PARTNERSHIP WITH COMMUNITY
- FIRST PHASE OF WORK (WELL/PUMP) COMPLETED
- ROTARIAN INVOLVEMENT IN DESIGN AND DISTRICT 5450 WASH GROUP
- THIS 2019-2020 GRANT IS FOR SECOND PHASE OF WORK (STORAGE TANK / PIPELINE / WATER METERS)



Westminster 7:10 Rotary Club contacts: Matt Seitz, Hydrogeologist PG, PE; seitz18@gmail.com, Martin Postma, M.D. Kinoti, Ph D.

## Timeline

2012—Mines EWB completes assessment trip in Ochomogo, Nicaragua

March 2013—Mines EWB completes bridge in Ochomogo (near Los Gomez)

March 2014—Mines EWB completes assessment trip in Los Gomez and neighboring communities.

March 2016—Mines EWB 2nd Assessment trip: Los Gomez votes for clean water supply project.

October 2017—Successful drilling of well; Mines EWB raised \$23,000 and Los Gomez raised \$1,200 to cover well cost

March 2018 Westminster 7:10 Rotary starts collaboration with Mines EWB on Phase 2

July 2018—Westminster 7:10 and Mines EWB starts collaboration with Nicaragua WASH non-profit El Porvenir; Memorandum of Understanding started.

May 2019—Mines EWB designs and funds pre-Phase 2 pipeline route assessment trip completed by partners El Porvenir and Nicaraguan-based EWB staff

June / July 2019—Westminster 7:10 Rotary prepares International District Grant Application and works to finalize partnerships with other clubs

Spring 2020—Anticipated Phase 2 implementation via local partners and Rotarian onsite presence

## Project Background

This International District Grant-funded project will provide distribution of clean and reliable water from an existing well via a new storage tanks/pipeline/valve network to 65 residences, a school, and a church in the town of Los Gomez, Nicaragua.

Westminster 7:10 Rotary is teaming with area clubs and two Cooperating Organizations with a history of completing sustainable, community-requested development projects in Nicaragua: the Colorado School of Mines chapter of Engineers without Borders (EWB), and El Porvenir, a Colorado-based non-profit that has completed over 500 WASH projects in Nicaragua including many Rotary projects.



## Community Buy In

Water meters to be installed and fees collected to cover future maintenance

Town will provide labor to install 7 km of pipeline

Town will contribute 5% of Phase 2 Cost



Contact with town via WhatsApp and Local staff of EWB and El Porvenir



## Our Team and Project Roles

(see Memorandum of Understanding for more details)



**The Westminster 7:10 Rotary club** is the lead club sponsor for the distribution system portion of the project (Phase 2). A 7:10 Rotarian has participated in the planning and design of the system, attended District 5450 WASH meetings, networked with other clubs interested in contributing to the project, and plans to travel to Los Gomez during project construction. This visit will include contact with a Nicaraguan Rotary club and installation of Rotary signage at the project site and social media announcements. 7:10 will prepare maps of the project area, an operations and maintenance document, submit the grant application, prepare reports, and review and authorize project expenditures. (<http://www.westminster710rotary.org/>)



**Mines Without Borders** is the Colorado School of Mines chapter of Engineers without Borders. It is comprised of students and technical mentors. Mines-EWB has a long-term relationship with the community of Los Gomez and has raised funds, designed the pipeline system, designed the storage tanks, and worked with the community to ensure project sustainability. Mines-EWB coordinates work with Nicaraguan-based EWB and El Porvenir staff. (<https://mineswithoutborders.wixsite.com/mineswithoutborders>)



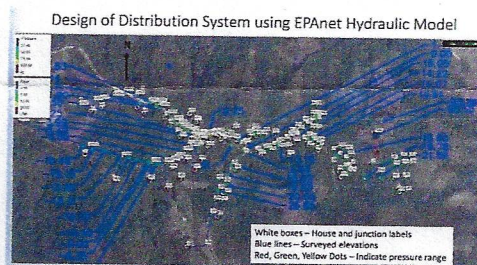
**El Porvenir** is a non-profit devoted to providing Nicaraguans with clean water. EP has teamed with Rotary on many WASH projects. EP, assisted by the other team members, will oversee pipeline construction and testing and will provide project updates. EP's staff will charge for work completed on the Phase 2 project budget (see MOU for EP rates by staff type). EP and/or EWB will facilitate Rotarian travel and will provide WASH education for the community. (<http://www.elporvenir.org/>)

We expect the experience and personal connections made throughout the District Grant process will lead to an opportunity to complete a Rotary Global Grant in the area.

### Boots on the Ground

The Los Gomez project has the financial support of the community and support from the local Nicaraguan water authority (CAPS).

Future maintenance will be paid for using funds raised by metering water use. Technical support will be provided by CAPS, the in-country partners at EWB-Nicaragua and El Porvenir, with additional support from Mines-EWB and 7:10 Rotary as needed. Travel to Nicaragua is possible, but is time consuming and of limited duration. Our team's local connections are key to successfully finishing this important work.



Map of Homes to be served by pipeline

### Budget and

Rotarian travel costs to Los Gomez will be paid for by the person traveling and are not included in the budget.

7:10 Rotary will administer and track all funds in accordance with District 5450 rules.

EWB / El Porvenir to assist Rotary with travel arrangements / escort

Item	Description	Total Cost
Piping	7000 meters	\$13,677
Taps	1 ea X 60 houses	\$687
Tanks	3 tanks / 5000 liters each	\$2,454
Flow Meters	1 ea X 60 houses	\$4,225
Miscellaneous	Small items	\$622
Labor	Remote implementation provided by in-country partners Rate = \$140/day for 5 people and 3 weeks	\$10,500
<b>Total</b>	<b>Funds Total Project Cost</b>	<b>\$32,165</b>
	Funds Acquired through MWB fundraising 2018/2019 academic year	-\$11,000
	Funds to be Provided by the Community of Los Gomez	-\$1,610
	Funds to be raised through Rotary Club Donations and District Grant	\$19,555

### Grant Funding – One Possible Path to Reach The Budget Required

Club	Donation	DDF
Westminster 7:10	\$8,000	\$3,000
Centennial	\$2,000	\$1,000
Fort Collins	\$2,000	\$1,000
Evergreen	\$2,000	\$1,000
<b>Subtotal</b>	<b>\$14,000</b>	<b>\$6,000*</b>
<b>Total</b>	<b>\$20,000</b>	

\* \$6,000 is the 2019/20 maximum District 5450 Match if four or more clubs contribute