



**SMILE!**

**It's Finally Summer!**

No Speakers  
Until August 20

**EVERY ROTARIAN  
US \$100  
EVERY YEAR**

## Joyce Wins \$929! Camp Rotary, Inc. Votes Six New Cabins!



### Quite A Day!

Camp Rotary, Inc. board of directors met prior to our regular meeting and discussed the proposed replacement of the 6 "younger girls" cabins at camp, reviewed the various bids and confirmed the lowest bidder, Hebb Construction of Boxford as the winning bid.

The vote of the directors was 100% in favor of replacing the old, failing cabins.



Speakers included our camp director, Dr. Richard Cowdell, our Camp Manager Richard Boldi and Youth Service Managers' president, Brian Magrane.

Construction of the cabins will begin this fall after the closing of the current camping season. The new cabins are expected to be ready for the 2010 season commencing on June 27, 2010! Camp for 2009 is SOLD OUT !!

### Can You Believe It?

We had \$929 in the pot and our secretary, Joyce Elliot ended up with BOTH WINNING TICKETS!

The tickets were drawn by our visiting Rotarian from Little River, North Carolina, Bob Simons, a former Wakefield Rotarian!



That of course was only step #1 - but a giant one! Now she had to pick the Joker and had two chances to do it! She picked the Joker!



### What did picking the joker mean?



You KNOW what it meant - Joyce is now \$929 richer!!

Congratulations, Joyce !!

### Next Week

we will need everyone in attendance as the pot has to be revitalized by all our loyal members and possibly even a guest or two!

Some good speakers will be getting ready for our fall programs - among them will be our newest member, David Payton who told me he can present some great pictures of he and his spouse's recent 5-week tour in some beautiful countryside in Russia and the country of Georgia - places that most of us have probably never visited and know little about!

### John Quinn

A Salem (MA) Rotarian, board member and club historian sent your editor this photo Thursday - no explanation of where John (known by some as Jay Cue) has been but he thought this sign offered some good advice for all of us apparently!



## Lunchtime is drawing near

and María Magdalena Gonzalez, 28, hoists up a jug of water and pours some into a pot on the stove. She adds rice she's had soaking in a bowl on the countertop. Meat and green peppers are stewing. As she works, she washes her dishes using water pulled from a pail under the sink. Gonzalez's mother prepares to give eight-month-old Hilary a bath.

Before Rotarians gave them the bio-sand filter that now sits along one wall of the kitchen in their home near Bonaó, in



the center of the Dominican Republic, the family bought bottled water, which was often fetid. Three-year-old María Magdalys, who now darts through the kitchen playing, spent two weeks in the hospital with diarrhea; Gonzalez was once so dehydrated from amoebas that she was given five bottles of saline solution.

Now they use filtered water for everything. Baby Hilary, who has known only clean water during her short life, is pudgy; her skin is clear. The family is healthy. "Sin agua, no hay vida," Gonzalez says, in what becomes a common refrain your author heard during a week in the Dominican Republic. Without water, there is no life.

Spend some time in the Dominican Republic, and you'll find many people like Gonzalez whose lives were affected by bio-sand filters – **and Rotary**. There is Rosa D'ía, who had an open sore on her foot that healed only when she bathed it in water from her sister's bio-sand filter. There is Sandra Castillo, who walks half a mile from her cousin's house carrying filtered water, the only thing that will get rid of her skin irritations. And then there is the biggest miracle of all, the one that proved to Rotarians that this was a worthwhile venture: Marisol Hernandez, now 12 years old, for whom water from the bio-sand filter cleared up the parasites in her stomach and rashes on her skin, allowing the child's body to fight full time the HIV infection she'd gotten from a blood transfusion.

Rotary club members have helped install 19,000 bio-sand filters in the Dominican Republic through the Rotarian-led Children's Safe Water Alliance, reaching an estimated 100,000 people in 300 communities. For seven years, more than 200 clubs in 18 districts in Canada, the Dominican Republic, the United States, and other Caribbean countries have supported the effort, as has The Rotary Foundation, with 30 Matching Grants. In part because of the groundwork that's already been laid, the Dominican Republic was chosen as one of three pilot countries for the new International H2O Collaboration, a worldwide alli-

ance of Rotary International, The Rotary Foundation, and USAID.

More than 3.5 million people die from water-related diseases each year, and more than 40 percent of those deaths are due to diarrhea. (UNICEF names diarrhea as the second-leading childhood killer.) The average child in a developing country gets diarrhea three or more times a year, leading to four billion cases annually. For those who survive the dehydration, diarrhea gets in the way of nutrient absorption, which can lead to malnutrition, stunt growth and development, and reduce resistance to other infections that a child might encounter. Unsafe water – often contaminated by untreated wastewater – is a source of other infectious diseases too, such as hepatitis, typhoid, guinea worm, and cholera.

Bio-sand filters, which cost as little as \$60, reduce waterborne pathogens by more than 90 percent. With no moving parts or required maintenance, all the user has to do is pour water in. Layers of sand and gravel trap parasites, and beneficial bacteria growing on the sand kill micro-organisms.

The filters were invented in 1990 by David Manz, a former professor of environmental engineering in Calgary, Alta., Canada. When Rotarians began to apply them in the Dominican Republic, they asked a scientist from the U.S. Centers for Disease Control and Prevention to come to the country to make sure they were using the appropriate technology. They found out that although the filters were proven effective in the laboratory, the large-scale scientific field study that would be needed to push them onto the shortlist of technologies approved by the World Health Organization had never been conducted.

The Rotarians took matters into their own hands. They contacted water expert Mark Sobsey, a professor at the University of North Carolina, Chapel Hill, and consultant to WHO, to research the filters, supported in part by \$85,000 in donations from Rotary clubs and districts in Colorado and Michigan, USA.

The results were astounding. The study, carried out in 2005-06 in Bonaó, found that bio-sand filters reduced diarrheal diseases by about 45 percent. A later article by Sobsey, which compared bio-sand filters with four other household point-of-use technologies, ranked them at the top. (Ceramic filters, which filter water through a clay pot, were also highly recommended.) Because the bio-sand filters are easy to use, there are no breakable parts, and the water looks and tastes good, 85 percent of households were still using them after eight years.

## GREETERS' SCHEDULE

August 13 - Art Horgan & Bob Kennedy

August 20 - Jan Reardon & Mark Kennard

August 27 - Cindy Steger-Wilson & Virginia Doocy

Please remember, Greeters have to **BREAK DOWN** also !!