



Owosso Rotary Review



Ray Klingensmith
RI President 2010-11

A weekly publication of the Owosso Rotary Club, Owosso, Michigan

July 28, 2010

This Week's Program

Trojan Football
Tom Harkema

Next Week's Program

GSE team returns from Portugal
Lynn Zuellig

The Owosso Rotary Club

meets on Wednesdays from 12:15 to 1:15 pm in the Mitchell Auditorium at Memorial Healthcare. Meeting make-up forms are available either through Laura Davis or Tim Atkinson

For more Rotary Information visit these Web sites:

Owosso Rotary Club:
www.owossorotary.org
District 6310:
www.rotary6310.org
Rotary International:
www.rotary.org

Make-up opportunities

Chesaning Rotary Club
Tuesdays at noon
Riverfront Grille

Corunna Rotary Club:
Thursdays at noon
Corunna United Methodist Church

Durand Rotary Club:
Tuesdays at 11:30 am
Durand City Hall, Lower Level

Water, water everywhere

By Tom Campbell

Lakeshore Rotary Club member Terry Allen gave roughly his 170th presentation on the Children's Safe Water Project using bio-sand filters to Owosso Rotarians.

Allen, a Rotarian since 1974, is currently the District 6360 Rotary Foundation president. He is also the co-chair of their bio-sand filter project.

The devices have evolved from a heavy concrete casting to a light weight plastic apparatus. The filter holds about 20 pounds of gravel under 100 pounds of sand. Water filters through the layers and then is chlorinated before being captured in a clean water container for use. The water is about 98% pure at the end of the process. The system will process 10-12 gallons of water a day.

Current filtration projects are focused in the Dominican Republic. Rotarians involved with placing filters in third world homes look for a person who is a "thought leader," usually a woman, who can be trained on why clean water is important,



Photo by Tom Campbell

DAVID VAUGHN, left, discusses the finer points of bio-sand filtration with Terry Allen from the Lakeshore Rotary Club. Allen has been involved with the Children's Safe Water Project since 2004.

i.e. the many benefits for the health of her family. Recipients must pay something, whatever they can spare, to be given a filter unit.

Rotary and partner organizations have completed about 25,000 installations in the

Dominican Republic so far. There is demand for hundreds of thousands more.

Allen is encouraging all Rotary Clubs to raise funds to purchase bio-sand filters. The cost is about \$100 each and all donations are matched through various grants.

Keeping in touch

- Max Riegler:** maxriegler@web.de
- Jade Fortes:** jadefortes_11@hotmail.com
- Mirjam Mueller:** mille.mueller@gmx.de
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- Henri Thomee:** henri.thomee@gmx.de
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- Martine Uhrenholdt email:** muhrenholdt@ofir.dk



A 33¹/₃

Matt Hufnagel had the winning ticket, good for \$10. He couldn't find the Ace, so \$199 rolls over. We skimmed \$15 for the backpack program.



Water and wellness - the bio-sand filter project

Excerpt from The Rotarian magazine, August 2009

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 Bonao, 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



Photo from Rotary.org

MARÍA MAGDALENA pours filtered water into a pan for cooking.

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 I hear during a week in the Dominican Republic. Without water, there is no life.

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 commu-

nities. 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 alliance of Rotary International, The Rotary Foundation, and USAID.

Bio-sand filters, which cost as little as US\$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.

While simple, the filter has several key features. A diffuser plate gently disperses the water poured in, like rain. The water hits several inches of water on top of a layer of beneficial bacteria, called a schmutzdecke, which kills harmful micro-organisms. Below that are layers of sand and gravel, which remove parasites that are too big to make it through. After the water is filtered into other containers, families are trained to add chlorine to finish the purification.

Host family urgently needed

We still need a first host family for our incoming exchange student from Thailand, Maggie.

If you would be willing to host her or know someone who could, please contact Carol Dowsett, Ned DeGalan or Dianne Rodgers. Maggie arrives in less than three weeks.

Owosso Rotary Leadership 2010-11

Past Pres.: Barbara Baker
President: Barbara Baker
President: Carol Dowsett
Pres. Elect: Cheryl Peterson
Pres. Nominee: Ned DeGalan
Secretary: Tim Atkinson
Asst. Secretaries:
Ray Church and Chris Newell
Treasurer: Laura Davis
Asst. Treasurer: Ken Somerlot
Program Coordinator: Tom Cook
Sergeant-at-Arms: Mike Selleck
VP Club Admin.: Mark Kay Kenney
VP Public Relations: Kevin McKay
VP Service Projects: Ken Henry
VP Membership: Heidi Frei
VP Rotary Foundation: Matt Hufnagel
Editor-in-Chief: Tom Campbell
Youth Exchange: Ned DeGalan
Members at Large: Pete Karsten, Phyllis Seelye, David Hood.

Rotary Calendar

Aug. 4th - Rotary meeting
Noon - 1:15 p.m. GSE team returns from Portugal. Lynn Zuellig.

Aug. 12th - Rotary board meeting
Noon - 1:30 p.m. at Drew's

Aug. 11th - Rotary meeting
Noon - 1:15 p.m. Paul Harris Award Presentations. Matt Hufnagel.

Aug. 18th - Rotary meeting
Noon - 1:15 p.m. Organ donors. Dusty DeHaven.

Four Club Picnic



August 19th

**Hosted by the
Corunna Rotary
Club.**

**6:30 pm
McCurdy Park.**

Steak Dinner - \$6

Hot Dogs - Free

Everyone should bring a passing dish.

If you'd like to attend, please contact Mark Miller at mmiller@corunnak12.mi.us or Joyce Brenner at jbrenner@memorialhealthcare.org.

Owosso Rotary Club Make-Up Form

Rotarian's Name (print): _____

Date and type of make-up activity: _____

Signature: _____