

**EWB – Denver Professional Chapter Meeting Minutes
March 11, 2008**

Meeting was called to order by the Chapter President, Jim Gusek at 7:05pm

TREASURER REPORT:

Togo: \$2900

Ecuador: \$7,900

General Fund: \$1700

Information regarding a \$3500 donation to the Malingua Pamba project was requested by Debbie Hathaway to ensure we send a thank you.

FUNDRAISING AND OUTREACH:

Jim presented a need for an outreach coordinator for the chapter; this position would answer to the Executive Board.

Additional Responsibilities would include:

- Arrange for chapter publicity
- Support fundraising committee
- Archive publicity photos on CD
- Provide prints of project posters
- Arrange for speakers when requested
- Provide powerpoint presentations to speakers
- Update chapter brochure as needed

The chapter agreed this would be a valuable addition.

Outreach:

Jim has prepared a chapter information brochure, if you would like copies or have suggestions or corrections please contact Jim at Jim_Gusek@golder.com.

Jim presented at the Colorado Association of Geotechnical Engineers, will participate in a forum on the human rights to water at the Jefferson Unitarian Church, will present at the May 15th ASCE dinner, the May 15th ASFE luncheon.

Chris Fahlin will be presenting at the EWB-USA National Conference

1. Society of American Military Engineers (SAME) 3/20

2. Lead a Panel discussion at the EWB Conference:

Humanitarian Aid and Development Career Opportunities - Do you have what it takes?

Christopher Fahlin, Environmental Engineer, CDM

Daniele Lantagne, PE, Centers for Disease Control and Prevention

Janelle Rogers, PhD, PE, CDM International, Water and Sanitation Specialist for Millennium Challenge Corporation

3. *Togo: Ecological Sanitation*
Scott Rank and Chris Fahlin

Fundraising:

Sand Sculpture Contest planning is underway, the May 17th date for the event discussed last month has been abandoned and the new proposed dates are August 2nd or 9th. The tentative location is still Soda Lakes Beach, Bear Creek Lake Park. The permit has been submitted and we have been informed that there is a requirement of \$1,000,000 liability insurance to hold the event. Jim will look into this issue and report back at the April meeting. A draft version of the event brochure is prepared.

Last years event raised about \$5,500 with 9 teams participating. The goal for this year is to have 30 teams and raise \$15,000.

CHAPTER ELECTIONS:

Chapter elections for 2008 will be held online after the April Chapter meeting. Information will be sent to chapter members via email with instructions.

Positions available:

President

Vice President

Secretary

Treasurer

Fundraising Chair

Outreach Coordinator

Nominations were taken at the meeting and are also being taken through email until the end of March; please email all nominations to Amanda Peirce, peirce@lrcwe.com

Current Nominations:

President – Chris Fahlin

Vice President- Pat Smart, Mark Richards

Secretary – Amanda Peirce

Treasurer – Mark Donohue

Fundraising Chair – Gary Turnquist

Outreach Coordinator – Jim Gusek

PROJECT UPDATES:

Malingua Pamba:

Presented by Debbie Hathaway

Project Lead, Ben Mapes (ewb.ben@gmail.com)

A trip is planned for two groups of four to travel in April, the 17th-27th and the 20th-29th. The main focus on this trip will be the potable and irrigation systems. For the potable water system there will be a few concrete pressure break/short term storage tanks built and the replacement of broken lines. The irrigation system and agricultural lands will continue to be mapped and determine where pressure breaks need to be installed and the best layout for the irrigation lines.

Pam Gilbert has agreed to cover the cost of materials for this trip.

If anyone is interested in learning more about this project or would like to get involved please contact Ben Mapes (ewb.ben@gmail.com).

Togo:

Project Lead: Chris Fahlin (FahlinCJ@cdm.com)

Phase 2, Sanitation Program Startup

Trip: February 24 – March 6, 2008

Purpose of the trip was to:

- establish the community Sanitation Program
- EcoSan fossa alterna sub-program
- Ceramic drinking water filter sub-program
- Complete a feasibility study for the Water Supply and Storage and Irrigation Projects
- Continue relationship building with the community and CADO
- Acquire the ceramic filters

Trip Objectives:

- Overall Sanitation Program Objectives
- Start to develop the community education program
- Establish the community leader's and general population's role
- Establish in-country partner's role (CADO)
- Negotiate and sign the Memorandum of Understanding

EcoSan sub-program objectives:

- Verify the community buy-in
- Construct two demonstration baseline latrines
- Start to develop a user education program
- For future monitoring and reporting:
 - Determine cost per baseline latrine
 - Construct a site map to-scale (2 copies) by hand for latrine construction tracking
 - Establish the financial protocol

Ceramic Drinking Water Filter sub-Program Objectives

- Attain the filters
- Develop system for community-wide distribution
- Start to develop a user education program

Latrine cost comparison

Vogan - Community Driven Choice (expensive) - US\$ 300

EcoSan Fossa alterna version (Denver Chapter recommendation) - US\$ 130

Accomplishments:

- Verified community buy-in
- Unit cost for a Fossa alterna latrine
 - US\$ 130 ~55000 CFA
- Latrine Construction
 - One - 95% complete Fossa alterna latrine
 - Two - 85% complete Vogan latrines
- Site Map for Latrine placement
- Signed MOUs
- Acquired the filters

Gaps/to do

- Education program roll-out
- EcoSan materials for each committee
- Ceramic filter materials for each committee
- Complete GPS of the entire village
- Groundwater monitoring – 6 PVC pipes (75 mm diameter)
- Final quantities from Masons and Carpenter
- Final pictures of completed latrines

New and Continued efforts (while we move forward)

- Water Supply and Storage
 - Well rehab and pump placement
 - Rain harvesting for the school
- Arborloo Latrines for the school
- Complete GPS mapping of the village

Madagascar:

Project Lead: Tom Rutkowski (trutkowski@golder.com)

The team is working on local NGO involvement and community buy-in per suggestions from Ned Breslin's (Water for People) presentation.

A trip is tentatively planned for May 2008 and will focus on scheduling meetings with local authorities. The Ministry of Environment has a long term plan for community

development and national priorities. The team is working to make sure that the goals of the project are inline with these initiatives.

The group presented their interest in helping to plan the Sand Sculpture Contest if they could take 1/3 split of the proceeds. Due to time constraints this topic has been put on the agenda for the April meeting.

If you would like to get involved with the project please contact trutkowski@golder.com. The next team meeting will be Thursday March 13, 2008, noon, at the Golder office. If you would like to attend in person or via conference call please contact Tom Rutkowski.

ACTION ITEMS:

Mark Donohue – get information on the \$3500 donation to the Malingua Pamba project to Debbie

Jim Gusek – Follow up on the liability insurance needed for Bear Creek Lake

Next meeting topic – discussion of the project split of proceeds from the Sand Sculpture Contest and future fundraising efforts