



# Engineers Without Borders

Fort Lewis College



**EWB** is a national non-profit organization established to help developing communities worldwide with their engineering needs, while involving and training a new kind of internationally responsible student.

**Fort Lewis College** EWB includes students from all academic disciplines, faculty members, and community partners.



*FLC-EWB students with community partners and villagers from Milancuan Ecuador, in a completed distribution tank.*

**Sustainable Development through Appropriate Technology:** We develop community buy-in through shared funding or in-kind labor, participatory project planning and design, and community ownership of the project. The community members perform the majority of the labor. We train them to operate and maintain **their** system. We research and develop solutions that are environmentally sustainable and fit the culture, economic level, and social structure of the community.



*Some 1.1 billion people in developing countries have inadequate access to water and 2.6 billion lack basic sanitation. (2006 UN Human Development Report)*

## Water & Sanitation

The primary focus of EWBFLC is to provide communities with potable water. The systems we construct collect water from a source, transport it to a storage tank, and distribute the water to communal taps. Reasonable access to clean water saves the people untold hours of labor and drastically reduces health risks like diarrhea. Providing improved sanitation by constructing sustainable pit latrines improves health and is also a part of our mission.

## Health and Education

Another vital aspect of our work is to assess community health and provide appropriate education on health risks they face and how to minimize them. We especially emphasize proper water collection, storage, and hygiene.



**Be Part of the Solution:  
Help us help them!**

### **Why you should support EWBFLC:**

- We raise all our project funds
- Completed 9 projects in 8 communities
- Brought clean water to 377 families (over 1900 people)
- Constructed over 20 miles of pipeline.
- Installed tanks totaling 40,000 gallons
- Average project cost is about \$21,000.
- Contributions are tax deductible through the 501.c3 status of the Fort Lewis College Foundation.
- Over 99% of all donations go towards direct project expenses. We pay no salaries and have no overhead.
- *All EWB members are volunteers.*
- For example, in 2009 an estimated 6,000 volunteer man-hours were spent on the projects.

*Please consider becoming a donor.*

**Send tax deductible contributions to:  
EWB - Fort Lewis College Foundation,  
c/o Don May, Dept. of Engineering,  
1000 Rim Drive, Durango, CO 81301  
or go to our website to make an  
electronic contribution.**

**[www.fortlewis.edu/ewb](http://www.fortlewis.edu/ewb)**

### Contact

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**Visit our website for more details about EWBFLC, our membership, and our current & past projects.**

*Engineers Without Borders - Helping build a better world one community at a time.*