

## Project Cost

\$40,000

## Chapter

South Central Florida

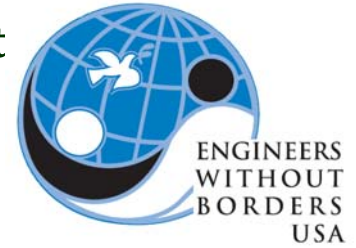
Professionals

## Background

The community of Corail Lamothe is located in the southeast department (SudEst) of Haiti. The impoverished people of the community must walk daily up to six miles roundtrip to obtain clean water. The water comes from a contaminated spring which approximately 200 Corail Lamothe community members must share with thousands of people from neighboring communities. Haiti is considered the poorest country in the western hemisphere, with 80 percent of the population living below poverty level, and is in desperate need of a clean, safe water supply to meet the daily needs of the country's families and children. We are partnering with the NGO, HERO (Health and Education Relief Organization), who are dedicated to helping the children and families of Haiti. Together we are dedicated to supply the community of Corail Lamothe with clean, safe potable water.

# Reliable Water Sources for Haiti

*Corail Lamothe, Haiti*



Engineers Without Borders™-USA (EWB-USA) supports community-driven development programs worldwide through the design and implementation of sustainable engineering projects while fostering responsible leadership.

For more information, contact [administrator@ewb-usa.org](mailto:administrator@ewb-usa.org) or call 303-772-2723

## The Need

Corail Lamothe, Haiti has no reliable source of potable water. The 200 plus residents must share an untreated, contaminated water source with thousands of people from neighboring communities, and walk up to six hours per day to reach the source. No efforts have been made in the past to provide this basic necessity to this community. The people of Corail Lamothe use the spring water to drink, cook, wash their clothes and bath. They risk contracting water borne diseases from the contaminated spring due to animal and human waste. The community is in desperate need of a reliable, clean and safe potable water supply.

## The EWB-SCFL-USA Response Assessment

EWB-SCFL (South-Central Florida) is partnering with the NGO HERO (Health and Education Relief Organization) to provide a sustainable, reliable potable water source to the community of Corail Lamothe, Haiti. An assessment trip is planned for November 2009 to coordinate with the Corail Lamothe Water Committee comprised of members of the community. The main focus of the assessment trip is to agree upon a plan to develop the cistern/rain catchment system that will provide the community with clean, safe potable water. The preliminary design for the system is comprised of a 10'-0" x 25'-0" inside diameter, 18,000 gallon cistern, constructed of 8" CMU walls. PVC piping will be used for the gutters, drop pipes and other associated piping. The suggested location is the community church which is easily accessible and centrally located.

A local contractor will be hired for the construction phase of the project, and the Water Committee is responsible for maintenance of the system. We will also be interviewing the community to assess their current health condition and the magnitude of adverse human health impacts resulting from their current water source. In addition we will discuss further community needs with the Water Committee.



## Following up

EWB-SCFL has a five year commitment with the community of Corail Lamothe, Haiti. It is our mission to build a relationship with and meet the needs of the people in the community through sustainable and reliable engineering methods.

## Moving Forward

We are actively fundraising to meet our projected goal of \$40,000 by our trip in November. The gross National Income in Haiti is \$480. A donation as small as \$10 is the equivalent of one week's salary! Please help us provide the families and children of Corail Lamothe, Haiti with a reliable source of clean, safe potable water.