

Safe Water and Latrines for Ethiopian Villages

Project Update June 17, 2008

Country: Ethiopia

Region: Tigray (Ganta-afeshum and Gulo-mekeda district)

Number of beneficiaries: 8,420 people (*only the numbers for the first year of the program*)

Start Date: October 1, 2006

Expected End Date: October, 2009 (year one to be completed October 2007)

Current water source and distance (year 1 only):

The main source of potable water for the people is predominantly low yield springs. The springs are polluted and shared with livestock – containing parasites and a variety of waterborne diseases. The walking distance to the springs is between 20-50 minutes. Women and children collect water from this source at least once a day, carrying heavy pots of water back to their homes.

Overall goals and objectives (year 1 only):

General goal: To contribute to the eradication of poverty and improvement of the target population's quality of life through the provision of potable water, which will improve the status of women in the household through creating time for girl's to have access to education and women more time for economic activities. Clean water and an improved hygiene environment are expected to reduce the morbidity that is caused by preventable waterborne diseases.

Incidence of waterborne diseases are expected to be reduced from 13% to less than 5%; the amount of water to be consumed by the people will increase from 5 liters/person/day to 15 liters/person/day; time spent collecting water will be reduced from an average of 50 minutes to 10 minutes. Waiting time at water sources reduced from one hour to 10 minutes.

Expected outputs:

- 9 hand dug wells
- 3 roof rain water harvesting systems
- 11 spring developments
- Establish 23 water and sanitation committees (138 members of which 69 are women)
- And provide training for the 23 water and sanitation committees on health and sanitation, financial management, record keeping, operation and maintenance, as well as gender and HIV/AIDS related issues.
- 132 pit latrines

Summary of project:

In the coming three years major potable water supply activities will be implemented in the selected rural villages. Water and sanitation projects will be implemented in the communities and in a few schools. Roof rainwater harvesting will be implemented in areas where there is no other feasible option.

Intensive training will be given to the communities to improve hygiene and sanitation and to maintain the water and sanitation facilities. The trainees will be nominated by the community to learn the training and teach what they have learned to the community. Communities will contribute through labor, local materials, and user fees and via a caretaker of the water facilities. Water and sanitation committees will be formed and consist of 3 females and 3 males.

Unique Information:

This project will have an evaluation component conducted by our partner organization. The projects will be evaluated in the following ways:

1. Internal evaluation: This evaluation is designed for internal consumption conducted by project managers and staff. This is done to examine a project's continued relevance of the overall effectiveness of the intervention strategies. This will be an on-going evaluation throughout the project period.
2. Impact Evaluation: This evaluation is primarily designed to measure the impact of the project. Formal evaluations will be scheduled upon the completion of the project and will be compared with the baseline data.

Photos:

