

Target Area: Namje Village and Surrounding Communities

There are over 1200 villages in Dhankuta district and presently there is no data for water access or water quality in any of these communities. Namje village (shown here) will take the lead in assessing water quality for ten nearby villages.



Project Description

This project has three components which will work towards directly establishing infrastructure for over a thousand people.



(1) Water Sanitation

Water treatment, pipeline construction, and pit latrine construction will be conducted for over a thousand people living in five villages.



(2) Infrastructure Development

Construction of a Community Education Center for students and community members will foster learning about the technology which is already in the village



(3) Small Projects

A portion of these resources will also go towards small-scale local projects to help families generate a substantial household income of \$300-\$400 per year.



Water Treatment & Distribution

The drinking water supply will be tested for bacteria and arsenic levels, as per WHO standards, and a sustainable water treatment plan will be designed and implemented based on the findings.



Until three months ago, entire families including small children trekked down the mountainside to fetch water nine months of the year in Namje village.



To combat this situation, the villagers, over sixteen months, built a water pumping system, capable of pumping 12,000 liters of water per hour through a three-inch iron pipeline. The proposed project will help to maximize the beneficial effects of this water supply by treating it and distributing the clean, treated water to more communities.



Feasibility Studies

Feasibility studies for the possibility of more centrifugal water pumping projects in the future for surrounding villages that have similar water access problems will be conducted by the same local Nepali experts that built this system.



Building on Experience

With almost two years of experience working on water construction projects, several of the local plumbers in Namje have become experts in cutting, welding, and installing GI and HDP pipe. Thus, these skilled villagers, will assume a leadership position in new water supply projects to be implemented in several neighboring villages to improve their skills and resources.



The water which is currently pumped from the river will be treated and gravity fed by underground HDP pipe connections to five different villages into strategic community taps. Trainings and awareness workshops will emphasize the differences in quality between this treated water and the untreated water they may be consuming at present.



Unifying Communities

Special emphasis will be given to local network building within communities. The 107 families shown here cooperated intensely to build their own water system for Namje. The idea is to bring this model of cooperation to surrounding areas, where ethnicity, caste, and class differences may be preventing such cooperation.



Creating Infrastructure

Our main goal is to support Nepalis and Nepali groups in finding local solutions to these infrastructural challenges themselves.



Cooperation Between Groups

A newly formed NGO, the Bhedetar Welfare Society, will be given most of the responsibility to plan and implement this project. Shown below, members of this NGO, local technicians, and expert engineers from the nearby city consult about new projects.



Education

The lack of access to clean water in Dhankuta district, has resulted in many educational difficulties. We hope that through this project, science and health education for children will be improved with the construction of a community education center.



Scholarships

Student scholarships will help create infrastructure by funding college educations so that there are more professional young people *within* the village.



Practical Education

With a student/teacher ratio of over 50:1, most students cannot obtain a practical, hands-on education.



Progress

Girls' enrollment is now on par with that of boys at the local school.



Community Awareness & Support

This is due to an increasing awareness amongst parents and guardians.



Leadership

Local Leaders, such as Mr. Tanka Bhujel who is the first person to attend university in his village, are making a huge impact in the community, and need support to do even more. Mr. Bhujel will be the community coordinator for this project



Results

Many students at the local school cannot afford to go to college which costs \$300 per year for books, tuition, uniform, and living expenses. As part of this project, several students will receive full scholarships to study.



Results

Upon completion of this project, over 450 students will consume clean, uncontaminated water every day. With students not getting sick as much, medication costs will go down and student attendance will go up



Results

Villagers will have resources to pursue small projects that will create a monthly income of 1-2 thousand rupees to help pay for their children's education



The villagers of Namje are working hard to create a better standard of living for themselves



With your generous help, health, education, and opportunity will increase for hundreds of children



Contact Information

Please feel free to Contact Rajeev Goyal about this project at any time
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On behalf of the 200 families in Namje, thank you for taking interest

