

# ROTARY FOUNDATION

## GLOBAL GRANT HUMANITARIAN APPLICATION



Global Grant Project Title : Danli, Honduras Water Filter & Scholarship Project

Global Grant Status : Draft

Global Grant Tracking Number : 25961

### Host and International Sponsor Information

Host Sponsor : Nueva Tegucigalpa	International Sponsor : Escondido Sunrise
Primary Contact : Madrid R., Rafael Eduardo [2273662] District : 4250 Club : Nueva Tegucigalpa	Primary Contact : Ponder, James A. [1572996] District : 5340 Club : Escondido Sunrise

### Section A - Project Summary

(1) Where will the project take place?

Community	City/Village	Country
Linaca Valley	Danli	Honduras

(2) List the specific objectives of the project (one per line).

1) Assess, Monitor and Maintain previously installed Bio-Sand Filters in the community homes. This will include the repairing and/or replacing existing filters and installing new filters in homes that do not have a filter.

2) Educate & Train local Honduran teens to be the local experts in the use and maintenance of bio-sand filters. This includes understanding the process of gathering measurable data, doing local surveys, and educating the homeowners on the proper use.

3) Provide educational funding for these approximately 70 early teens to attend middle school, 60 teens to attend high school and 10 undergraduate students to attend university. Without this funding, these teens could not stay in school and be involved in the Bio-Sand Filter Project.

(3) Describe how the project advances the goal of the area(s) of focus.

Water & Sanitation: It has been discovered that the Bio-sand filters installed over the past

10 years are not being utilized to their potential. An initial sampling showed as many as 25% of homeowners lacked knowledge on how to use and maintain the filter correctly or had simply stopped using it. This project uses the local teens, who are familiar with the culture and its issues, to instruct and follow-up with the local residents on the benefits and importance of clean drinking water for the health of the families and communities.

**Education & Literacy:** The teens enrolled in this project are from remote villages 10-25 km outside of Danli. Almost all of these teens simply could not afford to attend high school in Danli and therefore drop out of school before the 8th grade. This project allows them an opportunity to earn a scholarship. Thru WRG, the teens are daily held accountable and must meet the project requirements as well as passing grades and attendance standards.

**Economic and Community Development:** Teens from these remote villages are rarely given the opportunity to gain marketable job skills. Economic development is thus extremely limited due, in large part, to the lack of a skilled workforce. This project teaches the teens valuable job skills in project management, water and sanitation issues, team building, and community leadership. Under the mentoring of the health department, water board, Rotarians and WRG,

the teens are gaining access to influential members of the community. The door-to-door surveys and interaction are teaching them valuable social skills, mapping, gathering and reporting data, and implementing an action plan furthers prepares them for future job opportunities. In terms of community development, this project ensures clean water, which in turn allows for participation in education opportunities. It also allows for the community to take responsibility for its own health as it engages members from their communities.

(4) Describe in detail the project and implementation plan.

The Linaca Center operated by World Resources Group requires its teens to volunteer 10 hours a week of community service in order to be eligible for scholarship assistance to attend middle & high school. Through World Resources Group and Pure Water for the World, the teens will be mentored and supervised how to further conduct detailed surveys with maps, questionnaires, and educational materials and do basic maintenance on the bio-sand filters.

There are 10 university students from these villages who will be team leaders of the 130 teens. These students are required to volunteer 30 hours a week in the Linaca Center as peer mentors. In addition to their tuition being paid, they will receive a \$100 educational stipend to allow them time to be involved in this project.

Phase One will entail selecting 4-8 qualified university students who will be thoroughly trained with the assistance of PPW. This "A Team" will do an initial sampling of 200-300 filters with thorough statistical data. Phase Two will involve training the rest of the teens to canvass neighborhoods and conduct intervention and education for owners of filters. Phase Three will be a thorough review and analysis by the "A" team of their initial sampling.

By the completion of the project year, the teens will have provided a detailed survey of the surrounding villages. They will map out the location of the filters, do a thorough assessment, provide maintenance and education for the homeowners, and provide a detailed report of their findings.

In return for the teens' valuable work of rehabilitating the previously installed CAWST filters, their educational expenses of transportation, books, uniforms and school fees will be paid for by this grant. World Resources Group will keep accurate records as to their school attendance and grades, as well as the progress of their survey and assessment of the filters.

PWW will assist in monitoring and training to adhere to PWW's standards.

(5) What is the estimated start date of the project?

01 Jun 2012

(6) What is the estimated end date of the project?

31 May 2013

(7) With which area(s) of focus is the Humanitarian activity aligned? Select all that apply

Peace and Conflict Prevention/Resolution - No

Disease Prevention and Treatment - No

Water and Sanitation - Yes

Maternal and Child Health - No

Basic Education and Literacy - Yes

Economic and Community Development - Yes

## Section B - Rotarian Participation

(1) Describe how the host sponsor planned this project.

The Nueva Tegucigalpa club in Tegucigalpa is the host sponsor. Over the past 10 years, Pure Water for the World has overseen the installation of approximately 8500 CAWST filters throughout the district. Although there is desire to install more filters, one of the main concerns is to assess the success of the filters. Maria Inestroza, Honduran Director of Pure Water for the World and Rotarian member of Nueva Tegucigalpa, expressed the need to adequately monitor and assess these installed filters. One of the challenges is to get the local population thoroughly engaged to take responsibility for the health of their water supply with the use of the Biosand filters. Recognizing the teens being mentored under the tutelage of World Resources Group could potentially be a resource to educate and monitor the resident owners of the filters, Pure Water For the World and World Resources Group began discussions on how they could complement each other's mission to serve the poor of these distressed communities.

World Resources Group has been a presence in the Linaca valley for over 10 years, focusing on educating and mentoring the rural youth to become future leaders of their communities. Working in conjunction with the public schools, WRG's base of operations, called "The Center," at the end of the Linacan valley, provides a safe place for the rural youth to be tutored, gain social services support, learn life skills and leadership development, and to have an opportunity to obtain education past 5th grade. Participation in The Center requires involvement in a number of community service projects. As the teens mature, so does their ability to take on greater responsibility for their communities. The need for clean water is one of the most pressing yet basic needs in rural Honduras. Integrating their education with being responsible for their community's water health helps solve PWW's challenge of having the local residents being thoroughly engaged in water quality.

(2) Describe how the international sponsor planned this project.

The Escondido Sunrise club in Escondido, CA, became aware of this project thru the involvement of David Hataj, a Rotarian and WRG board member from Edgerton, WI. Mr. Hataj traveled to Escondido in February of 2011 to do a presentation on this proposed project. Since then, Escondido has sent two delegates from their club to Danli, Honduras to assess the viability of such a project. During the trip, Dave Herbert and John Sawtelle, helped design this project by recognizing the water filters were only a valuable tool in the health of the local communities. The most valuable resource, the children, needed to be engaged and equipped to have a hopeful future beyond their abject poverty. With Dave Hataj, WRG, the Nueva Teguc Rotary club and Prof. John Dracup, the Escondido Sunrise club, having a proud history of sponsoring international projects, enthusiastically embraced this project.

(3) Describe how the host sponsor will commit his/her time and expertise during the implementation of the project to ensure success. Provide specific examples of activities or tasks for which the host sponsor will be responsible.

The Nueva Tegucigalpa Rotary club will oversee the implementation of this project in the following ways.

- 1) Thru Maria Inestroza and PWW, they will provide information as to the location of the filters as well as assist in training through their mobile training program.
- 2) They will be in regular contact with WRG in assessing the progress of the teens work, both in regards to the filters and the teens school attendance and grades.
- 3) They will consult with the local water minister, Jose Martinez, and PWW to make sure the teens are performing up to the standards of Mr. Martienz and PWW's standards.
- 4) They will review the results and reports of the project to provide local analysis of the success of the project for future reference.

(4) Describe how the international sponsor will commit his/her time and expertise during the implementation of the project to ensure success. Provide specific examples of activities or tasks for which the international sponsor will be responsible.

The Escondido Sunrise club will ensure the success of the project in the following ways.

- 1) They will require regular progress reports from David Hataj, who will travel to Honduras several times to assess progress.
- 2) They will require detailed reports stating the findings of the bio-sand filters and make recommendations thereof, with the help of Prof. John Dracup and his team.
- 3) They will require detailed receipts of all expenditures and review these receipts for grant eligibility.
- 4) They will require an active student roster that will chart each student's involvement in the project, their school attendance, their grades, and the number of filters assessed and maintained.
- 5) Upon completion of the project, they will do a thorough review of the data, findings, and recommendations for the Teguc Nuvea club, PWW, and WRG to assess the success of the project for future reference.

(5) How do the sponsors plan to publicize this project?

This project will be publicized by member presentations to local Rotary clubs. Presentations are planned for several clubs in Wisconsin, in southern California, in the San Francisco area, and in Castlegar, B.C.

As interest develops, we anticipate more requests to do presentations to more Rotary clubs with more interest already coming from the Wisconsin district 6250, as well as clubs in Pennsylvania and Minneapolis.

## Section C - Cooperating Organization

### (1) Cooperating Organizations

Name of Organization	Address	Contact	Website
Pure Water for the World	P.O. Box 55, Rutland, Vermont 05702	Carolyn Crowley Meub	www.purewaterfortheworld.org
World Resources Group	509 Flamingo Drive, West Palm Beach, FL 33401	Jose Ortega or Nelle Smith	www.wrgnews.com

(2) Provide background information about the cooperating organization(s), including the role to play in the project activity.

World Resources Group operates out of West Palm Beach, Florida and but also has a Honduran Foundation. They have been a presence in the Linaca Valley near Danli for the past 11 years. Their primary focus is teen mentoring and community development. With a community center in the small village of Linaca, they supplement the local public schools with tutoring programs, life skills classes such as sewing and computers, nutrition, medical assistance and public meetings with parents and community leaders. Their goal is to address the multiple facets of generational poverty by nurturing a future generation of Honduran leaders. Since they are so well connected with the poor in this community and have the trust of parents and community leaders, World Resources will oversee the implementation of the project as it is their teens enrolled in their programs that will be participating. WRG will organize the teens into teams, provide transportation throughout the community for the filter assessment, and keep accurate school attendance records.

Since 1999, Pure Water for the World (PWW) has worked in remote and underserved regions of developing countries that lack sustainable clean, safe drinking water. They work with local governments and community partners to select, analyze the appropriate technology for the community, and to implement cost effective projects.

Although the initial efforts were in El Salvador, most of the recent efforts have been in Honduras and Haiti. Pure Water is now expanding into other countries after being recognized as the leading organization dealing with providing clean, safe drinking water to the rural populations. The household sand filters have made a huge difference in the villages, schools and homes where Pure Water has been able to install them. Where filters are in use the crying from stomach pains, death, and poor school attendance are a thing of the past.

(3) Identify any host or international project committee members, or members of the host or international sponsors, who are employees, board members, or officers of one of the cooperating organizations.

David & Tracy Hataj, Rotarians from Edgerton, Wisconsin, are board members of World Resources Group.

María Regina Inestroza de Carias, the Country Director, Honduras for PWW is also a Rotarian in the Nueva Tegucigalpa Rotary club.

## Section D - Project Planning

(1) Who will operate, secure, and maintain the items purchased with grant funds, ensuring the items continue to function and making necessary repairs? This includes equipment, assets, and materials.

Since the majority of the funds are to be used for school expenses, World Resources Group will be responsible for making local purchases of school supplies and distributing them accordingly. They will provide receipts of all goods purchased and document which students get supplies. World Resources also owns the bus used for the students' transportation to the high school in Danli. They will provide receipts of gas purchases and an accurate trip log to record miles.

(2) Who will own the items purchased with grant funds at the end of the project? This includes equipment, assets, and materials. Items cannot be owned by a Rotary Club or a Rotarian.

The only purchased items besides school supplies and transportation costs are the biosand filters. These will be installed in the homes of local citizens.

(3) How will the primary host sponsor maintain an inventory of the items purchased with grant funds, including location after distribution?

World Resources Group will oversee the distribution of school supplies and review all transportation costs.

(4) What arrangements have been made for customs clearance if items will be purchased and shipped from outside the project country?

n/a

## Section E: Sustainability and Measurability

(1) How will the project build capacity in the community?

This project will build capacity in the community in three ways. First, it will ensure the residents of the Linaca Valley that have Bio-Sand filters that they are getting clean water. The many benefits of clean water are well known. Second, this project provides an opportunity for the students of these distressed villages to attend high school and university. Since the average education in these areas is grade 3, continuing these students' education can only better the long-term economic outlook of these communities. Lastly, the teens of the community are gaining real-world job skills that will make them more employable as adults. The leadership and service skills should serve their communities well in the near and long term as they become more aware of how they can serve their communities.

(2) What data/information will you collect to demonstrate the success of your stated objective?

In regards to the bio-sand filters, detailed survey maps, questionnaires and the students' findings will be catalogued. With the assistance of Prof. John Dracup, his UC-Berkeley students, and the local expertise of Pure Water for the World, a collaborative plan will be developed to gather, record and assess data. A monitoring plan will also be put in place to ensure sustainable results. Data will be initially gathered with periodic follow-up visits to the resident owners of the filters. At the end of the project, a thorough assessment will be conducted to compare the survey results from the beginning of the project to the end. As for the scholarship students, a roster will be kept that will record student attendance and grades.

(3) How will you collect this information?

The students will be responsible for the data collection of the filters. Their team leaders (the university students) will then be responsible for compiling the data into readable reports. World Resources and the PWW will together review the data.

World Resources will be responsible for the roster of students and their attendance and grade reports.

(4) How will the outcomes of the project be sustained over time after the funding has been expended?

The training the students give to the local residents/owners of the bio-sand filters should ensure the filters keep working indefinitely. The residents will know how to recharge and maintain the filters.

The outcome of the students' education is yet to be determined. It is hoped that further projects will emerge to allow them to continue their schooling as well as intern opportunities among local businesses. It is hoped that this project will impress the local business owners and give them confidence to hire these well-trained, responsible youths.