

## Sustainability Score for Global Grant Projects

### District 5440

#### **Project Lago Atitlan Ecolatrines #2**

**Community Location:** Tzunana, on the shore of Lake Atitlan, Region Solola, Guatemala

#### **Project objective:**

**The objective of this grant is to bring improved health to the indigenous people of the community of Tzunana, on the shore of Lake Atitlan, Guatemala, through the construction of 250 sustainable eco-latrines. Reducing the incidence of fecal contamination of the household and ground water will reduce the level of gastrointestinal illness among the local population and improve the health of the ecosystem of Lake Atitlan, which provides a source of food and a means of livelihood for some of the population.**

#### **Start with Community**

- 0- No interaction with the community
- 1- Community is informed of the project
- 3- Have conducted a community needs assessment
- 5- Have formed a Rotary Community Corps or similar organization of involved community members.

Enter total score (0-5) 5

Todos Porel Lago is a service group already in place in the community of Tzunana. They are in charge of the projects, employing community members of Tzunana to install and repair parts of the projects. The community has been informed of the project and has signed up to have the eco-latrines installed. With other projects such as the community washing stations, members were consulted on what they wanted and how they wanted them to function.

#### **Encourage Local ownership**

- 0- No local ownership of project success after implementation
- 1- Local community has expressed interest in being involved after project completion
- 3- After the project is implemented, a local organization will monitor the success of the project
- 5- After the project is implemented, a local organization will monitor the success of the project as well as be responsible for maintenance and improvements over the long term

Enter total score (0-5) 5

There is local ownership of the eco-latrines. The people who receive these latrines have to do 72 hours of community service in order to get them. They feel that since they put in the time that it is their payment for the eco-latrines. Also the Todos Porel Lago organization monitors the success of the latrines that they being used properly as well as repairing them if there is a breakage. They have trained the local employee's to repair fiberglass. The first time that the lids need to be switched on the pods of the latrines, Todos Porel Lago will do it for the family, and show them how to do it themselves then on out.

### **Provide Training**

- 0- No training
- 1- Some training on maintaining the project
- 3- People are trained to develop or improve skills
- 5- People are trained to develop or improve skills, local people are trained to be trainers, and a long term training program will be implemented

Enter total score (0-5) 5

In order for people to receive the eco-toilets they must complete a total of 72 hours of community service as well as complete all the training involving the eco-latrines, and prepare their houses for them i.e. digging the holes for the pods. Some of the people that have gone through the training have become the trainers for those that do not speak Spanish.

### **Buy Local**

- 0- All materials and technical support is imported with no clear support plan
- 1- Replacement parts and technical support will be available after the project is completed
- 3- Replacement parts and technical support will be provided by in-country sources after the project is completed
- 5- All key project items are manufactured and assembled in-country and are available locally along with replacement parts and technical support

Enter total score (0-5) 5

All resources were manufactured in Guatemala City and engineered in Guatemala as well. There is a warehouse/lot for the materials in the community of Tzununa.

### **Find local funding**

- 0- No local funding
- 1- A small token investment is made by local sources
- 3- Some local investment of funds, labor or in-kind contributions will be made

- 5- A significant local investment of funds, labor or in-kind contributions will be made

Enter total score (0-5) 3

Guatemala City Rotary Club contributed 10,000 USD to the project and members contribute with labor at the lake as well.

### **Measure your success**

- 0- No success measures in place
- 1- Success measures identified and communicated to project stakeholders
- 3- Success measures identified and communicated and data collection methods specified
- 5- Clear project objectives have been identified, methods of data collection specified, and funding and people for data collection are in place

Enter total score (0-30) 27

This project has clear objectives to improve health of the community of Tzununa by reducing fecal contamination of household and ground water to decrease the level of gastrointestinal illness amongst the local population. There are GPS's installed in the eco-latrines to track. Members of Rotary and Todos Porel Lago monitor the use of the project. The last grant work done with Guatemala club was assessed on this past trip in the previous community helped; the eco-latrines were in working order. It was noted that they have found overall the biggest violation of the project is that the people are not putting dry material into the pods consistently for it to turn into compost.