

# JALISCO/SIBAQUIL, CHIAPAS, MEXICO

## Community Water System Project

### THE COMMUNITY

The community of Sibaquil is a Zapatista community of 110 families and approximately 1,000 inhabitants.

### PROJECT DESCRIPTION

The community receives water from two springs located in the mountains outside of the community. During the dry season, there is insufficient flow from the higher spring, therefore for several months of the year, water is available at a single point just below the community. The second spring provides plenty of water the entire year, but because the spring is located at a lower elevation, the water from this spring doesn't reach the community via gravity. During a recent WEFTA site visit, water from the second spring was observed running out of a PVC pipe approximately 300 meters from the community. The community is requesting funding to build a pumping station, purchase a pump, an electrical transformer or motor-driven generator, and rehabilitate an existing tank at the entrance of the community.



Raw sewage in arroyo near Sibaquil.

Sibaquil also faces health concerns from raw sewage running in the nearby arroyo. Altamirano, approximately 20 minutes from Sibaquil dumps all their raw sewage into an arroyo that flows near Sibaquil. Members of the community stated that the smell and the mosquitoes are unbearable during the dry summer months.

### ESTIMATED COST OF THE PROJECT

Based on information from the water authorities, an electrical transformer and an extension of the power lines would be needed to supply energy to the pump. A formal project proposal and detailed budget is still pending. An initial cost study indicates that the total project cost would be approximately \$7,500.

Water Storage Tank Materials	\$ 2,150
Piping Materials	\$ 300
Pumping Station Materials	\$ 2,980
Specialized Labor	\$ 820
General Project Contingency	\$ 1,250
<b>Total Estimated Project Cost:</b>	<b>\$ 7,500</b>

