

MIGUEL HIDALGO, CHIAPAS, MEXICO

Community Water System Project

THE COMMUNITY

Miguel Hidalgo is a Zapatista community with 150 houses and 1,750 people. The community is organized similar to a development in the suburbs of any major US city, although it is in the middle of the jungle, with the best mode of transportation to arrive in the community being a small motorized boat (lancha) on the Rio Jatate. Each house is on a 50 square meter piece of property, divided in blocks and separated by common areas.

PROJECT DESCRIPTION

Similar to Chuncerro, in order to prepare a cost estimate to build a water system, it was necessary to take elevations of the proposed spring site, the location of the proposed water storage tank and the community, as well as take distance measurements between the community, the water storage tank and the spring. A detailed project proposal and cost estimate is forthcoming.

The distance between the spring and the proposed water storage tank location is 1,600 meters and the distance from the water storage tank to the center of the community is 750 meters. An initial cost study for the proposed project indicated that the total estimated project cost would be approximately \$12,900.



Miguel Hidalgo Spring Source

Spring Catchment Tank Materials:	\$ 1,280
Water Storage Tank Materials:	\$ 4,020
Piping Materials:	\$ 3,400
Specialized Labor:	\$ 2,050
General Project Contingency:	\$ 2,150
Total Estimated Project Cost:	\$ 12,900

