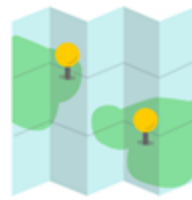


MACHAKIL HA, BELIZE

Completed March 2015



COUNTRY	POPULATION	PROJECT
Belize	250	Municipal

GPS | N15° 56.499' W89° 11.416'

PROJECT COST | \$3,400

LOCAL PARTNER | All Saints Parish Mission

PROJECT # | 006

TOLEDO, BELIZE

Median monthly income is \$350 USD

73.5% with improved sanitation

65% of Toledo district live in poverty

FIELD NOTES | March 2015

Residents of Machakil Ha collect their water from both a water vat and a separate pump based at the local school. Water collected from the vat is clean but the system dries up frequently, while the water from the pump is brown and dirty more often than not. Due to dirty water, it is common for residents of all ages to suffer from diarrhea, dysentery, and dengue L.

The Machakil Ha community shows great need and a great desire for community development and involvement. Machakil Ha has an unemployment rate of 13.9%, rampant waterborne illnesses, and a median monthly income of \$350USD. Despite their circumstances, the community will contribute labor towards their water project in addition to a commitment to future maintenance.

PROJECT DESCRIPTION |

Solea Water improved the water infrastructure of Machakil Ha by providing every family in the community with a Sawyer Water Filter. This project benefits 30 families, the health center, and community school.

Solea Water provided ongoing WASH (Water, Sanitation, and Hygiene) education when appropriate in conjunction with the completion of the water infrastructure. WASH training utilized local teachers, clinic workers, and health promoters when possible to avoid any cross-cultural education issues that may arise as well as to increase capacity through a “train the trainer” model of education.

Through the efforts of this project, including the water system and WASH education, Solea Water sees a brighter future for the people of Machakil Ha. This future includes improved health, decreased infant mortality, decreased waterborne illnesses, increased time in the classroom for students, and an overall increase in the quality of life for the people of Machakil Ha.