

Project Profile - Quebrada Seca Water Project

NAME OF PROJECT: Construction of water system, community of Quebrada Seca in village of Oquen

(Warning: This document is a translation from original Spanish document, so it may contain inaccuracies due to the limitations of the translator)

1: Analysis

- **Background**

The community of Quebrada Seca, Village Oquen, is comprised of 574 inhabitants, which corresponds to 167 families in 167 homes. Currently, the families of the community obtain water from small wells or streams, which are contaminated, causing the families to suffer from gastrointestinal diseases, especially affecting the infantile population. Other forms of supply used by the community in winter, are rainwater catchment, stored in plastic tanks and basins; however, the storage capacity is not enough for human consumption.

The community of Quebrada Seca has the following services: a small chapel, a primary education school, Luz Domiciliar, a soccer field and a Evangelical Church.

The community is organized in the following manner: a Community Council of Development (Un Consejo Comunitario de Desarrollo) which is the highest authority in the community; a Women's committee; a Water Committee; a School Parents Council; a School Parents Council of the Institute of Basic Education in the Institute of distance education program (Telesecundaria); a council of coordinators the Catholic Church parish of Quebrada Seca.

- **Problem Identification**

The families of the Quebrada Seca, Village Oquen, suffer from gastrointestinal diseases, especially the children and women, a derivative from contaminated water, collected from wells and streams, endangering the lives of the people.

- **Project Justification**

It is important to solve the problem of the high rate of gastrointestinal diseases suffered by the 167 families of Quebrada Seca, collecting water from streams and contaminated wells, through the construction of a system of piped water, which will improve the health conditions of the people, by having quality water.

- **Project Situation**

The water system construction project will benefit the 167 families of the community directly.

By providing access to quality water, better absorb the nutrients will be allowed, it will reduce exposure to parasites and gastrointestinal diseases, improve the nutrition of children, women and men. Being

able to practice hygienic habits such as washing of hands and daily bathing and also, they may wash their food to consume it safely.

- **Project Description**

The project consists of: Construct a system of piped water, which involves the installation of 167 domestic taps, that benefit the 167 families living in the community. Construct a spring collection box at spring, which is in the community of Agua Zarca, Village of La Mina, 300 meters away from the benefiting community, transportation by gravity to a water distribution tank, which feeds the distribution system.

- **Objectives**

General:

- Raise the quality of life for the families of Quebrada Seca through the construction of a piped water system.

Specific Objections:

- To contribute to the improvement of the health of the population with water suitable to human consumption.
- Install 167 water taps in homes.

2. Location:

Quebrada Seca, Oquen, is located North Latitude 14.794934 and west longitude - 89.416788, with an elevation of 510 meters above sea level.

The community, adjacent to the north with the community of Lajas, Aldea Oquen, municipality of Jocotán; to the south with the community of Crucitas, Tesoro Abajo, municipality of Jocotán; to the east with the village of the Escobillal, Oquen, municipality of Jocotán; to the west with village of Amatillo.

The community is an approximate area of 10 square kilometers and is distance from the municipal head of Jocotán of 5 kilometers and towards the departmental head of Chiquimula 38 kilometers. One accesses to the community across a highway of rough dirt track, which is accessible in any season.

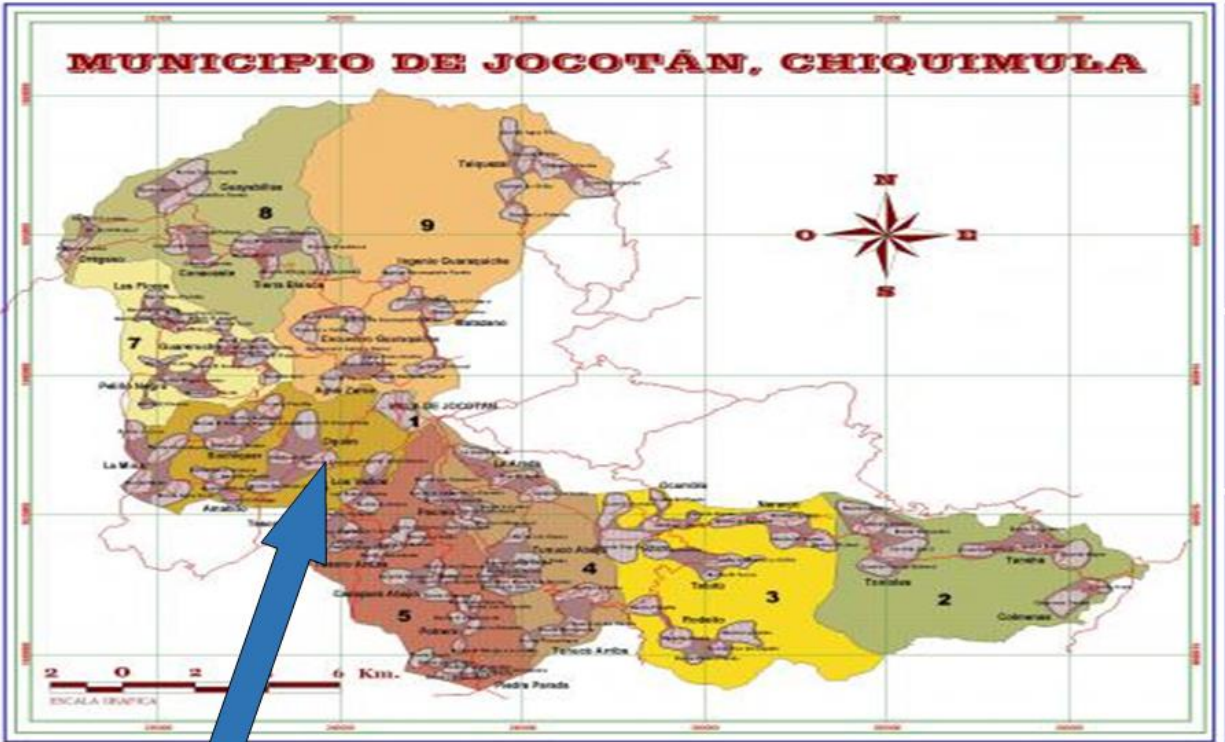


Figure 1 Quebrada Seca, Oquen, Municipality of Jocotán