

CLOSE-OUT FACT SHEET

Project Name: "Expansion of the Water Distribution System in Colonia Esperanza, Chihuahua"

Certification: Dec-09

Project Location: Col. Esperanza, Chihuahua

Construction complete: Mar-11

Project Sector: Water Distribution

Close-out Report: Jun-15



The Pre-Project Conditions

In 2009, the Colonia Esperanza water distribution system reached approximately 50 percent of the population, the remaining 50 percent of the population received drinking water by one of three ways: 1) Trough non-compliant connections to the existing water distribution system; 2) hauling by water trucks; 3) via community tap. All three methods presented potential health risks to the inhabitants utilizing these sources.

At certification time, the water system had several deficiencies like: insufficient pressure in water distribution lines due to lack of appropriate storage, looping, and water loss.



Actual Investment: US\$	0.34 M
NADB Grant: EPA BEIF	0.17 M
NADB Loan:	0.00 M
Other Sources:	0.17 M

The Project Objective

The purpose of this project was the provision of reliable water services to 100% of the community, through the rehabilitation and expansion of the water distribution system, including the construction of new domestic hookups, the rehabilitation of existing hookups, a new disinfection unit, and a telemetry system to automate the operation of the well storage tank, contributing to the reduction of risk of water-borne diseases.

Anticipated Investment US\$(Millions)	At Certification	Variation
NADB Grant: EPA BEIF	0.17 M	0.0 M
NADB Loan:	0.00 M	0.0 M
Other Sources:	0.17 M	0.0 M
Total	0.34 M	0.0 M
Other Sources: Promotor (JCAS - JMAS)		

The Project Scope

The project consists of the expansion of the water system to unserved areas in the community, which includes the construction of new residential hookups, as well as the rehabilitation of existing hookups, a chlorine disinfection system to ensure the water complies with federal regulations for drinking water quality and the installation of a telemetry system to automate well-storage tank.

Benefited population:	1,581
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The Results

Outcomes	Indicators	Target	Actual (2014)
Increase Access and Use of Drinking Water Services	Provision of reliable water services to the community	100%	100%

Outputs	
Installation of residential water hookups	360
Construction of water lines.	9 miles
Installation of telemetry system to automate well-storage tank.	1
Installation of 1 unit of Chlorination-Disinfection.	1

Significant project contributions	
Provide water service to the entire community	360

