

## CLOSE-OUT FACT SHEET

**Project Name:** Wastewater Collection and Treatment Project in Porfirio Parra, Chihuahua.

**Certification:** Sep-07

**Project Location:** Porfirio Parra, Chihuahua

**Construction complete:** Feb-10

**Project Sector:** Wastewater

**Close-out Report:** Aug-14



### The Pre-Project Conditions

The collected wastewater was discharged to nine different points along the "Interceptor Drain" which eventually discharged to the Rio Grande. 12% of the population lacked wastewater collection service and wastewater treatment was nonexistent. Residents who lacked wastewater collection disposed of their wastewater using latrines and cesspools which, due to the relatively shallow water tables and the type of soil, resulted in wastewater overflows and runoffs throughout the community.



### The Project Objective

The purpose of the project was to eliminate exposure to untreated wastewater by expanding the wastewater collection and treatment systems to un served areas, contributing to the reduction of groundwater pollution and the risk of water borne diseases.

### The Project Scope

The project consisted of the construction of a comprehensive wastewater collection and treatment system to serve 100% of the community's population. The project includes: the integration of sewer lines into a single system, the expansion of the wastewater collection system to un served areas, the construction of a lift station and a regional wastewater treatment plant (WWTP). The WWTP consists of an stabilization pond system with a treatment capacity of 0.34 MGD (Regional WWTP).

Actual Investment: US\$	2.5 M
NADB Grant: EPA BEIF	0.4 M
NADB Loan:	0.1 M
Other Sources:	2.0 M

Anticipated Investment US\$(Millions)	At Certification	Variation
NADB Grant: EPA BEIF	0.4 M	0 M
NADB Loan:	0.1 M	0 M
Other Sources:	1.5 M	0.5 M
<b>Total</b>	<b>2.0 M</b>	<b>0.5 M</b>
<b>Other Sources: CONAGUA ; Project Sponsor (JCAS JMÁS)</b>		

<b>Benefited population:</b>	<b>1,652</b>
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### The Results

Outcomes	Indicators	Target	Actual (2014)
Increase access to wastewater collection services	Increase number of new connections	406	362
Access to adequate wastewater treatment services	Wastewater treatment capacity	0.14 MGD	0.14 MGD
Reduction of untreated wastewater discharges to water bodies or others	Quantity of uncollected wastewater discharges eliminated	0.14 MGD	0.11 MGD

Outputs	
Wastewater collection lines	2.66 miles
Wastewater connections	362
Wastewater treatment plant	0.14 MGD

Significant project contributions
First time wastewater treatment services and elimination of an estimated 0.11 MGD of untreated wastewater into shared transboundary surface water.

