

## CLOSE-OUT FACT SHEET

**Project Name:** Wastewater Collection and Treatment System in Guadalupe, Chihuahua.

**Certification:** Jul-07



**Project Location:** Guadalupe, Chihuahua

**Construction complete:** Jun-10

**Project Sector:** Wastewater

**Close-out Report:** Mar-13

### The Pre-Project Conditions

Guadalupe, D.B. had 49% wastewater collection coverage. Residents who were not connected to the wastewater collection system disposed of their wastewater in latrines and cesspools, with the associated public health and groundwater contamination risks. The existing facilities had exceeded their life cycle. Large amounts of trash and dirt got into sewers and clog up the lines.



### The Project Objective

Eliminate exposure to untreated wastewater by expanding the wastewater collection and treatment systems to unserved areas, contributing to the reduction of groundwater pollution and the risk of water-borne diseases.

### The Project Scope

The project consisted of the expansion and rehabilitation of the wastewater collection system and the construction of a wastewater treatment plant (WWTP). The WWTP includes an oxidation lagoon system, and it serves the community of Guadalupe, located within the municipality of Guadalupe, D.B, Chihuahua.

| Actual Investment: US\$               | 4.2 M            |              |
|---------------------------------------|------------------|--------------|
| NADB Grant: EPA BEIF                  | 0.8 M            |              |
| NADB Loan:                            | 0.3 M            |              |
| Other Sources:                        | 3.1 M            |              |
| Anticipated Investment US\$(Millions) | At Certification | Variation    |
| NADB Grant: EPA BEIF                  | 0.8 M            | 0.0 M        |
| NADB Loan:                            | 0.3 M            | 0.0 M        |
| Other Sources:                        | 2.3 M            | 0.8 M        |
| <b>Total</b>                          | <b>3.4 M</b>     | <b>0.8 M</b> |

Other Sources: CONAGUA ; Project Sponsor (JCAS)

**Benefited population:** 2,623

### The Results

| Outcomes  | Indicators   | Target   | Actual (2014) |
|---|--|----------|---------------|
| Increase access and use of safe and sanitary wastewater collection services | Increase number of new connections                       | 1,087    | 703           |
| Access to adequate wastewater treatment services                            | Wastewater treatment capacity                            | 0.41 MGD | 0.41 MGD      |
| Reduction of untreated wastewater discharges to water bodies or others      | Quantity of uncollected wastewater discharges eliminated | 0.41 MGD | 0.20 MGD      |

| Outputs                     |             |
|-----------------------------|-------------|
| Wastewater connections      | 703         |
| Wastewater collection lines | 14.26 miles |
| Wastewater treatment plant  | 0.41 MGD    |

**Significant project contributions**  
The project improves wastewater collection and first-time wastewater treatment services and elimination of an estimated 0.2 MGD of untreated wastewater into shared transboundary surface water.

