Project Name: Improvements to the Wastewater Systems in Playas de Rosarito Project Location: Playas de Rosarito, Baja California

# **Project Sector: Wastewater**

#### **The Pre-Project Conditions**

At the outset of the project, the majority of the low income communities of Playas de Rosarito had inadequate wastewater (WW) services. WW was disposed of through latrines, cesspools and, in some instances, directly to the surface waters which discharge to the Pacific Ocean and indirectly affect coastal resources in the US. The project's biggest challenge was the difficult negotiations with the land owners (Ejido Mazatlan), which complicated the development of the project and caused modifications to the original collector alignments. This project is referred to as Rosarito I.

# **The Project Objective**

The purpose of the project was to eliminate exposure to untreated wastewater discharges by expanding the wastewater collection system to the unserved areas, reducing groundwater pollution and the risk of waterborne diseases.

# **The Project Scope**

The project consisted of improvements to the wastewater collection system to unserved areas of Poblado Morelos, La Mina, Colinas de Rosarito, Colinas de Montecarlo and Santa Lucia in Playas de Rosarito. Collected WW is now conveyed to existing Rosarito I and Rosarito Norte WWTPs.



| Actual Investment: US\$ (Millions) | 7.1M |
|------------------------------------|------|
| NADB Grants: EPA BEIF              | 2.5M |
| NADB Loan                          | 1.2M |
| Other Sources                      | 3.4M |
|                                    |      |
|                                    |      |

| Anticipated Investment: US\$ (Millions)          | At Certification | Variation |  |  |  |  |
|--------------------------------------------------|------------------|-----------|--|--|--|--|
| NADB Grants: EPA BEIF                            | 3.0M             | (0.5M)    |  |  |  |  |
| NADB Loan                                        | 1.6M             | (0.4M)    |  |  |  |  |
| Other Sources                                    | 3.0M             | 0.4M      |  |  |  |  |
| Total                                            | 7.6M             | (0.5M)    |  |  |  |  |
| Other Sources: CONAGUA ; Project Sponsor (CESPT) |                  |           |  |  |  |  |

Benefited population:

5,080

# **The Results**

| Outcomes                                                                    |                                                                                                                                  | In | dicators                       | Target                   | Actual<br>(2013) |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----|--------------------------------|--------------------------|------------------|
| Increase access and use of safe and sanitary wastewater collection services | Increased number of new connections<br>(Target based on full build out; Actual based on existing<br>occupied homes with service) |    |                                | 4,681                    | 1,233            |
| Reduction of untreated wastewater discharges to water bodies                | Quantity of uncollected wastewater<br>discharges eliminated                                                                      |    |                                | 0.9 MGD                  | 0.23 MGD         |
| Outputs                                                                     |                                                                                                                                  |    | Significant project finding(s) |                          |                  |
| Wastewater connections                                                      | 1,233                                                                                                                            |    | Access to WWC in the Project   | areas was provided as pl | anned and        |



sewer lines can provide service to over 19,000 residents.

#### Water and Wastewater Collection Coverages in Playas de Rosarito



### **CLOSE-OUT FACT SHEET**

Construction complete: Apr-09 Close-out Report: Dec-13

**Certification: Oct-06** 

