



**NORTH AMERICAN DEVELOPMENT BANK
FACT SHEET
CIUDAD ACUÑA, COAHUILA**

- Project:** Comprehensive Sanitation Project
- Cost:** US\$78,800,000
- Sponsor** *Sistema Municipal de Aguas y Saneamiento de Ciudad Acuña (SIMAS)*
- Location:** Ciudad Acuña, Coahuila is located in the northern area of the state of Coahuila, Mexico. It shares a common border with Del Rio, Texas, across the Rio Grande.
- Background:** The population growth in Ciudad Acuña in the last few years has surpassed the increased capacity from new construction of additional environmental infrastructure, particularly in the areas of sanitary sewage and sewage treatment facilities. Furthermore, the areas of the city that do have sewer service in most cases experience problems due to the age of the system, negative slope and deterioration.
- As of 1998, only 49 percent of the population received sewage collection service. The 51 percent not hooked up to the system use latrines and/or septic tanks to dispose of raw sewage, which contaminates groundwater resources.
- Description:** This project involves the construction, rehabilitation and expansion of the primary and secondary sewage systems and pump station, as well as the construction of a new wastewater treatment plant. The project is divided into three phases spanning a 20-year period.
- Phase I (1999-2000) financed under a 20-year Build-Operate-Transfer (BOT) concession agreement:
- Construction of the wastewater treatment plant
 - Expand and rehabilitate the primary sewage system to increase the coverage from 49 percent to 75 percent of the population as of 1998.
 - Rehabilitate the secondary sewage system in the downtown area.
- Phase II (2000-2005):
- Continue expansion work of the primary sewage system to increase coverage from 75 percent to 100 percent of the

population. It includes the construction and rehabilitation of 114 km of sanitary sewage pipelines.

- In terms of the secondary sewage system, rehabilitate the existing residential sewage system and expand into areas that currently do not have sewage collection.

Phase III (2006-2018):

- Expansion of the primary sewage system to maintain coverage for 100 percent of the population through the year 2018 and includes construction of 500.4 km of sanitary sewage pipelines to serve future population growth.
- The secondary sewage system will continue to be rehabilitated and expanded to meet the needs of the population and maintain 100 percent coverage through the year 2018.

BECC Certification: March 24, 2000

NADB Funding: Border Environment Infrastructure Fund (BEIF)
Construction grant assistance: US\$15,409,264

Loan & Guaranty Program
Low-interest loan: US\$ 1,879,235

Institutional Development Program (IDP)
The Bank provided assistance to the utility for a needs assessment, an evaluation of the efficiency of the electromechanical equipment, and a user registry update.

Other Funding Sources: The Mexican national water commission, *Comisión Nacional del Agua* (CNA), and Mexican state and local authorities.

Benefits: With the implementation of this project, all residents of Ciudad Acuña will receive wastewater collection and treatment services. Furthermore, the well-being of the region's population will be enhanced by ensuring that the wastewater is adequately treated and preventing raw sewage from being discharged into the Rio Grande, thus improving the quality of the river water.

For more information, contact Juan Antonio Flores,
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