



**NORTH AMERICAN DEVELOPMENT BANK
FACT SHEET
OJINAGA, CHIHUAHUA**

Project: Improvements to the Wastewater Collection and Treatment Systems and Construction of a Wastewater Treatment Plant

Cost: US\$5,277,361

Sponsor The local water utility, *Junta Municipal de Agua y Saneamiento de Ojinaga* (JMAS),

Location: The city of Ojinaga is located along the southern bank of the Rio Grande directly across the river from Presidio, Texas. It is 143.5 miles northeast of the City of Chihuahua.

Background: Currently, 31 percent of the population does not have access to wastewater collection services and has to use latrines and septic tanks. Moreover, current sewer services are hampered by deficiencies in the existing sewer system, including deteriorated lines that tend to collapse, damaged manholes, and collectors with negative slopes resulting in obstructed lines.

Wastewater treatment is ineffective, since the existing oxidation pond has exceeded its useful life after almost nine years in operation. It is currently inoperable and discharges effluent with contaminants in excess of the permissible limits set by Mexico's national water commission, negatively impacting the quality of the Rio Grande water.

Description: The project has been divided in to two components: the construction of a new wastewater treatment plant and the replacement and expansion of the sewer system. The project is expected to meet the city's needs through 2019.

Wastewater Treatment Plant:

Construction of a new wastewater treatment plant comprised of a facultative lagoon system with the capacity to treat 2.5 million gallons a day (MGD).

Wastewater Collection System:

Works in the first phase include:

- Constructing 2.85 miles of sewer lines
- Constructing 82 manholes

- Installing 2,300 sewer connections

BECC Certification: September 25, 2002

NADB Financing: Border Environment Infrastructure Fund (BEIF):
Construction Grant Assistance: US\$2,115,953

These funds will be applied to first-phase project components.

NADB Loan and Guaranty Program
Loan US\$1,037,906

Loan proceeds will be applied towards the construction of the wastewater treatment plant and sewerage improvements.

Institutional Development Cooperation Program (IDP):
The Bank financed a user registry update.

Other Funding Sources: The City will also receive federal and state funding. The BECC also provided technical assistance for final design of the supplementary sewer works.

Benefits: Expansion of the sewer system will add approximately 7,850 new users to the system, thus bringing service coverage to 100 percent of the current population. The improved collection and treatment system will also prevent sewage spills from contaminating local aquifers and land, as well as ensure that the effluent discharged into the Rio Grande complies with established environmental standards.

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