



**NORTH AMERICAN DEVELOPMENT BANK  
FACT SHEET  
AGUA PRIETA, SONORA**

- Project:** Collection and Final Disposal of Municipal Solid Waste
- Cost:** US\$1,905,490
- Sponsor** City of Agua Prieta, Sonora
- Location:** The city of Agua Prieta is located in the northeast region of the state of Sonora in Mexico, across the border from Douglas, Arizona.
- Background:** The population of Agua Prieta increased from 20,754 to 60,000 between 1970 and 1998, due to significant growth in the maquiladora industry in the area. This growth resulted in a backlog of urban infrastructure and public services, especially with respect to public maintenance.
- Description:** This project included the following components:
- Constructing and equipping a new sanitary landfill, in accordance with existing regulations
  - Restructuring the waste collection service by redesigning routes and purchasing additional collection trucks
  - Closing the existing open air dump
  - Strengthening the institutional capacity of the municipal administration in terms of waste collection and disposal to facilitate efficient system management and operation
  - Constructing secondary projects, including: access roads, control booth, surface drainage system, scales, fence surrounding property, signs, restrooms, landscaping, and structures to contain light materials
  - Purchasing equipment
- BECC Certification:** November 9, 1996
- NADB Funding:** Loan & Guaranty Program  
US\$448,964  
These funds will be used for the acquisition of the heavy equipment required to operate the landfill as part of the first phase of the project, as well as for new garbage trucks.

Institutional Cooperation Development Program (IDP)

Through this program, the Bank provided support in developing the administrative, legal and managerial organization of the solid waste utility. Additional assistance was provided to implement the results of the studies, including a five-month training program.

**Other Funding Sources:**

The *Secretaría de Desarrollo Social* (SEDESOL), the Sonora state government and local government provided grants for this project.

**Benefits:**

This project will help reduce environmental and health risks by adequately disposing of the city's municipal garbage and by covering the existing open air dump. Reduced smoke and odors will also help the neighboring city of Douglas, Arizona, comply with U.S. Environmental Protection Agency air quality standards.

For more information, contact Juan Antonio Flores,  
North American Development Bank, 210-231-8000.