



**NORTH AMERICAN DEVELOPMENT BANK
FACT SHEET
SAN LUIS RIO COLORADO, SONORA**

- Project:** Construction of a Sanitary Landfill, Closure of the Existing Open-air Dumpsite and Improvements in the Municipal Sanitation Services
- Costo:** Entire project: US\$4,009,762
First phase: US\$2,890,000
- Sponsor:** *Dirección de Servicios Públicos Municipales de San Luis Río Colorado*
- Location:** San Luis Rio Colorado, Sonora is strategically located where three states converge: Arizona in the United States and Baja California and Sonora in Mexico. It is 23 miles from Yuma, Arizona and 42 miles from Mexicali, B.C.
- Background:** The City provides street sweeping, solid waste collection and final disposal services through the Municipal Solid Waste Collection Department. Street sweeping is done with mechanical sweepers that are in poor condition, and garbage is collected with trucks that have surpassed their useful life, which results in high repair costs and inconsistent garbage collection services.
- Final solid waste disposal is in an open-air dumpsite located one mile south of town that has been in operation for ten years and has exceeded its capacity, turning it into a serious environmental pollution problem due to frequent fires, gas emissions and foul odors as a result of inadequate waste management.
- Description:** The project consists of:
- Improvements in the quality, coverage and efficiency of street sweeping
 - Improvements in the solid waste collection services by redesigning collection routes and acquiring new collection trucks, as well as instituting a preventive and corrective maintenance program for equipment and infrastructure
 - Construction of a sanitary landfill and closure of the open-air dumpsite
 - Institutional development of the Municipal Sanitation Service utility

Construction of the landfill is divided into three phases. The first phase will be carried out in 2002 and includes construction of the first landfill cell, as well as acquisition of heavy machinery to operate the landfill. The rest of the phases will be completed in 2009.

BECC Certification: October 16, 2001

NADB Funding: Loan & Guaranty Program:
Low-interest loan: US\$1,084,771

The loan will be made through the Low Interest Rate Lending Facility (LIRF), and its proceeds will be applied towards the cost of constructing the first phase of the landfill and purchasing equipment.

Solid Waste Environment Program (SWEP):
Grant assistance: US\$ 500,000

Institutional Development Cooperation Program (IDP):
The Bank financed a solid waste management study.

Other Funding Sources: The remaining 40 percent of project costs for the first phase will be covered by the Municipality of San Luis Rio Colorado, the state government and SEDESOL.

Benefits: The improvements in the municipal sanitation services will result in almost 100% collection coverage for city residents. In addition, closing the open-air dumpsite and providing for the proper disposal of waste will reduce contamination of soil, air and ground water resources, thus providing a healthier environment for all area residents.

For more information, contact Juan Antonio Flores,
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