



**NORTH AMERICAN DEVELOPMENT BANK
FACT SHEET
REGIÓN CINCO MANANTIALES, COAHUILA**

Project:	Paper Recycling and Wastewater Treatment Project
Cost:	US\$20,981,800
Sponsor:	Industrial Papelera Solar (Grupo Solar)
Location:	Region Cinco Manantiales, Coahuila; specifically Allende and Morelos, which are located in the northeastern part of Coahuila in northern Mexico. There are approximately 20,943 residents in Allende and 7,263 residents in Morelos.
Background:	Currently, 80 percent of the population of Allende receives water service, while only 20 percent have sewage service. In Morelos, 91 percent of the residents receive water service while 48 percent have sewage service. Both communities currently discharge their wastewater in open pits without any treatment, contaminating the aquifer, other bodies of water, and the local water supply.
Description:	Grupo Solar plans to construct a paper recycling plant to produce 200 tons of recycled cardboard per day, as well as a wastewater treatment plant with a capacity of 100 liters per second (l/s) or 2.3 million gallons per day (mgd). Because of the large amount of water used in the recycling process, the project includes treating wastewater and exchanging it for irrigation water from agricultural drains. The treated wastewater will be derived from the treatment of the recycling plant's wastewater combined with 100 percent of the treated wastewater from Allende and Morelos.
BECC certification:	June 22, 2000
NADB Funding:	<u>Loan & Guaranty Program</u> US\$8.59 million
Other Funding Sources:	An equity contribution from the Grupo Solar shareholders and a supplier's loan.
Benefits:	Construction of the wastewater treatment plant will provide first-time wastewater treatment services to the residents of Allende and Morelos, thereby reducing contamination of the local water supply. The project will also provide an economic benefit to the public utility since Grupo Solar will be purchasing the wastewater generated by these two

communities. In addition, the reuse of waste paper and cardboard will extend the landfill capacity and help reduce the consumption of trees.

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