



NORTH AMERICAN DEVELOPMENT BANK

PROJECT CLOSEOUT FACT SHEET

Project:	Construction of Wastewater Collection System		
Location:	El Sásabe, Sonora	Certification Date:	March 27, 2001
Type:	Wastewater	Operation Startup:	August 4, 2007
Population Benefitted:	1,081	Closeout Date:	October 22, 2021

Pre-project Conditions

In 2001, the entire community of El Sásabe had access to drinking water; however, there was no centralized wastewater collection and treatment service. Residents and businesses used on-site systems to dispose of their wastewater, including latrines and some septic tanks, as well as uncontrolled ground runoff. However, in many cases, those individual sanitary systems were not properly designed or constructed, and often overflowed onto the streets, especially during rainstorms, which posed a risk for groundwater contamination and waterborne diseases.

Project Objective

Eliminate exposure to untreated wastewater discharges and prevent contamination of the aquifer by providing first-time wastewater collection and treatment services, and thus help reduce the risk of waterborne diseases.

Project Scope

The project consisted of constructing a new sewer system, including the installation of approximately 9,333 m (30,620 ft) of sewer lines, a 473-meter (1,552-foot) outfall, a 1,407-meter (4,616-foot) sewer main, 184 manholes and 310 household connections to sewer system. Although not part of the certified project, the State of Sonora funded a parallel project to construct a lagoon-based wastewater treatment plant with the capacity to treat up to 231 cubic meters/day (61,000 gpd).



Project Results

Outputs	Indicator	Target in 2001 (at certification)	Actual (2008)
Wastewater collection lines	meters	11,213	11,213
Wastewater connections	number	310	310

Outcomes	Indicator	Target in 2001 (at certification)	Actual (2008)
Increased access to wastewater services	connections	310	310
Wastewater discharges eliminated	lps	2.67	2.67

Significant Contribution of the Project

The project is also benefitting the neighboring community of Sasabe, Arizona, and the Buenos Aires National Wildlife Refuge in Arizona, which are directly adjacent to the Mexican community, by eliminating sewage spills from failing on-site systems.

Project Financing (USD)

Sources of Funding	Estimated at certification	Actual Amount
NADBank BEIF construction assistance grant*	\$ 452,231	\$ 427,504
Other sources**	452,531	588,271
Total	\$ 905,062	\$ 1,015,775

* Border Environment Infrastructure Fund (BEIF) funded by the U.S. Environmental Protection Agency (EPA) and administered by NADBank

** Other sources include a grant from the State of Sonora