



NORTH AMERICAN DEVELOPMENT BANK

PROJECT CLOSEOUT FACT SHEET

Project:	Construction of a Wastewater Collection System		
Location:	Gadsden, Arizona	Certification Date:	December 17, 2002
Type:	Wastewater	Operation Startup:	March 2006
Population Benefitted:	678	Closeout Date:	May 2026

Pre-project Conditions

Gadsden is a small, unincorporated community located between the cities of Somerton and San Luis in Yuma County, Arizona. In 2002, residents received drinking water services from the Gadsden Water Company, a private utility serving a total of 186 residential accounts. However, the community did not have access to a centralized wastewater collection or treatment system. The only wastewater disposal facilities available were on-site units, primarily septic tanks and leach field systems, but there were also a few cesspools, as well as direct discharges to ditches. These on-site disposal systems were not functioning properly due to age, inadequate maintenance and a seasonally high-water table not conducive to these types of systems. To remedy this situation, Yuma County Improvement District No. 96-7 proposed building a wastewater collection system and connecting it to the wastewater treatment plant in San Luis, Arizona.

Project Objective

Provide first-time wastewater collection and treatment services to the entire community to reduce the potential for groundwater contamination and human health hazards associated with failing on-site disposal systems in an area with a high groundwater table.

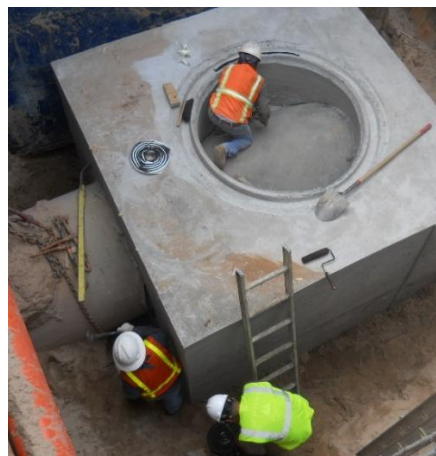
Project Scope

The project consisted of constructing a community-wide gravity collection system in two phases: I) land acquisition for the lift station and engineering design; and II) installation of approximately 13,213 linear feet (2.5 miles) of sewer lines and 186 residential sewer connections, along with the decommissioning of the on-site disposal units, as well as the construction of a lift station and 19,000 feet (3.6 miles) of 6-inch force main to convey the wastewater to the treatment plant (WWTP) in San Luis, Arizona.

Community & Lift Station Site



Lift Station Construction



Force Main from Lift Station to WWTP



Project Results

Outputs	Indicator	Target in 2002 (certification)	Actual (2020)
New wastewater lift station	number	1	1
New wastewater collection lines installed	miles	6.10	6.10
New wastewater connections installed	number	186	186
On-site wastewater disposal systems decommissioned	number	186	186

Outcomes	Indicator	Target in 2002 (certification)	Actual (2020)
Population benefitted	number	888	678
New access to wastewater collection services	connections	186	186

According to the 2010 U.S. Census, the Gadsden population decreased 40% to 678 residents between 2000 and 2020.

Project Financing (USD)

Sources of Funding	Estimated at certification	Actual Amount
NADBank BEIF construction assistance grant*	\$ 1,452,952	\$ 1,325,570
NADBank BEIF transition assistance grant**	72,640	–
Other sources***	3,589,340	3,589,340
Total	\$ 5,114,932	\$ 4,914,910

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

** BEIF transition assistance is used to help pay system debt associated with the project, so that user fees can be raised gradually to the level required to make the system self-sustaining.

*** Other sources included a loan and grant from the U.S. Department of Agriculture Rural Development (USDA-RD) and an Arizona Community Development Block Grant (CDBG).

On December 13, 2002, EPA approved the Bank's recommendation for a total BEIF assistance package of US\$1.53 million: US\$1.45 million in construction assistance and US\$72,640 in transition assistance and in 2006, increased the construction assistance with a contingency line-item of US\$122,760; however the contingency funds were not required. The BEIF construction assistance supported Phase II of project implementation, which was funded within the original BEIF construction assistance budget. In early 2009, the sponsor determined that BEIF transition assistance was unnecessary, so the funds were cancelled in April of that year.