

CLOSE-OUT FACT SHEET

Project Name: Improvements to the Water and Wastewater System
Project Location: Fabens, Texas
Project Sector: Water and Wastewater Treatment

Certification: Mar-02
Construction complete: Jul-11
Close-out Report: Sep-14



The Pre-Project Conditions

Flows to the wastewater treatment plant exceeded 75% of the existing capacity, which violated the 75/90 percent rule mandated by Texas Commission on Environmental Quality (TCEQ), previously known as Texas Natural Resource Conservation Commission (TNRCC). The plant has not met the discharge permit levels for Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS), and minimum limit of chlorine residual. For the drinking water system, for the previous five years, the drinking water quality state standards have not been met in total dissolved solids, iron, and manganese. There was also inadequate fire protection and low pressures.



The Project Objective

The purpose of the project was to improve water quality by installing treatment units to remove iron and manganese, to increase capacity by upgrading the existing wastewater collection and treatment system, contributing to the reduction of groundwater pollution and the risk of waterborne diseases.

Actual Investment: US\$ (Millions)	13.7
NADB Grant: EPA BEIF	6.1
NADB Loan:	0
Other Sources:	7.6

The Project Scope

The project consists of the expansion of the wastewater treatment plant (WWTP), rehabilitation of the sewer collection and water distribution and treatment systems to remove of Iron and Manganese from water for the community of Fabens, Texas

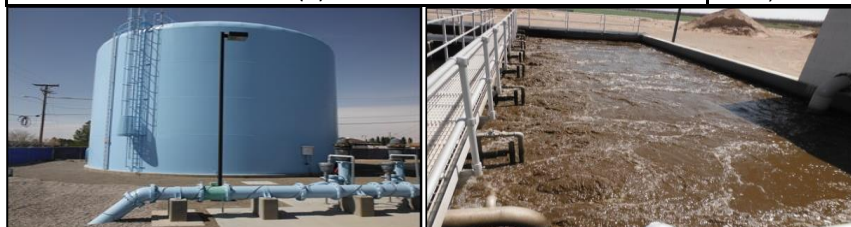
Anticipated Investment: US\$ (Millions)	At Certification	Variation
NADB Grant: EPA BEIF	5.5	0.6
NADB Loan	2.7	-2.7
Other Sources:	2.3	5.3
Total	10.5	3.2
Other Sources: USDA Loan, Sponsor		

Benefited population:	8,430
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The Results

Outcomes	Indicators	Target	Actual (2014)
Increase access to drinking water services	Increase storage capacity (MGD)	0.5	0.5
	Increase length of distribution (lf)	11,885	11,885
Provide access to wastewater collection services	Improve wastewater collection service (lf)	7,000 of 15"	5,280 of 16"
Increase access to safe and sanitary wastewater service	Full compliance with applicable rules and regulations	100%	100%

Outputs	
Increase storage capacity (MGD)	0.5
Improve wastewater treatment plant (MGD)	1.2
Water distribution lines (lf)	11,885
Wastewater collection lines (lf)	5,280



Significant project contributions

New WWTP 1.2MGD and 0.5 MG Storage Tank

