

CLOSE-OUT FACT SHEET

Project Name: Water Conservation Project

Certification: Oct-07

Project Location: Hidalgo County Irrigation District No. 2 in San Juan, Texas

Construction complete: Oct-08

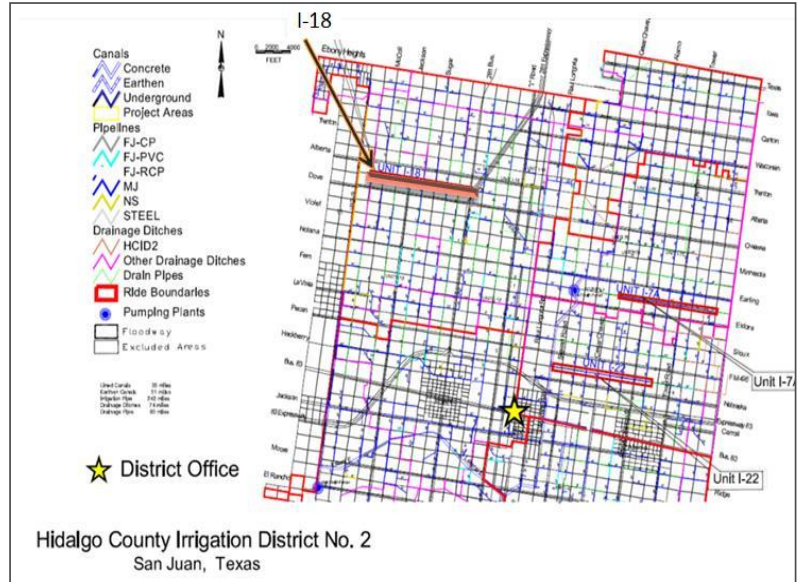
Project Sector: Water / Wastewater

Close-out Report: Dec-14



The Pre-Project Conditions

The District in 2007 extracted water directly from the Rio Grande into a settling basin via gravity canal, and then into a conveyance system of pipelines and canals. The District covers was 64,828 acres and had 4,000 water accounts with 4,700 acres of irrigable farmland. The District irrigation water rights were 137,675 acre-feet (ac-ft) per year. In addition, the District held domestic, municipal and industrial water rights totaling 12,732 ac-ft per year including 2030 ac-ft per year for the municipality of San Juan. In 2007 the District No. 2 includes the I-18 pipeline, which serves an area of 2,829 acres. The design flow capacity of I-18 was 35 cubic feet per second (cfs). However, due to its deteriorated condition, the District restricts the flow to 18 cfs.



The Project Objective

The objective of the project was to increase water management efficiencies by replacing 2 miles of a water conveyance mortar-jointed concrete pipeline in order to avoid water losses in the Hidalgo County Irrigation District No. 2, San Juan Texas.

Actual Investment: USD\$ (Millions)	1.255M
NADB Grant: WCIF:	0.914M
Other sources:	0.342M

The Project Scope

The project scop consists in improvements to the irrigation system in the Hidalgo County Irrigation District No. 2. which includes the reconstruction of pipeline I-18 and construction of a new concrete pipeline adjacent to the existing mortar-jointed concrete pipeline with rubber gasketed reinforced concrete pipeline.

Anticipated Investment: MX\$ (Millions)	At Certification	Variation
NADB Grant: WCIF:	0.914M	0.0M
Other sources:	0.968M	(0.626M)
Total:	1.882M	(0.626M)

Other sources: Project sponsor (Hidalgo County Irrigation District No. 2)

Benefited population:	1,155
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The Results

Outcomes	Indicators	Target	Actual 2014
Improve canal capacity	Increase volume of water flow	from 18 cfs to 35 cfs	35 cfs
Increase water management efficiencies	Annual Water Savings Millions of Gallons (mg)	238 ac-ft (77.55 mg)	238 ac-ft (77.55 mg)

Outputs	
Installation of rubber gasketed reinforced concrete pipeline (48")	2 miles

Significant project contributions
With the Project improvements water losses reduced and provides a more efficient delivery.