

# CLOSE-OUT FACT SHEET

**Project Name:** Wastewater System Improvements in Mexicali

**Project Location:** Mexicali, Baja California

**Project Sector:** Wastewater

**Certification:** Jul-03

**Construction complete:** Oct-07

**Close-out Report:** Nov-13



## The Pre-Project Conditions

Untreated wastewater (WW) discharges from the sewage system of city of Mexicali deteriorated the water quality of the New River. Due to farmer's opposition to a previous wastewater treatment plant (WWTP) site, alternatives sites were analyzed by the US-Mexico Binational Committee to build the WWTP. The upgrade of Pump Station No. 4 (PB 4) and construction of the Mexicali II WWTP (first phase) to treat wastewater from the city's northeastern area was required. The WWTP site was located 26 km south of the new Pump Station in an uninhabited area. This project is referred to as Mexicali II.



## The Project Objective

The purpose of the Project was to eliminate exposure to untreated WW discharges to the New River by expanding the wastewater treatment capacity, reducing groundwater pollution and the risk of waterborne diseases.

## The Project Scope

This project consisted of the construction of Las Arenitas WWTP with a capacity of 20 MGD, upgrade of PB 4, as well as construction of 26.4 km force main pipeline and interconnection of major collectors to PB 4 that previously discharged raw WW to agricultural drains.

Actual Investment: US\$ (Million)		26.6M	
NADB Grant: EPA BEIF		10.1M	
NADB Loan:		0.0M	
Other Sources:		16.5M	
Anticipated Investment: US\$ (Million)		At Certification	Variation
NADB Grant: EPA BEIF		7.4M	2.7M
NADB Loan		0.0M	0.0M
Other Sources		18.8M	(2.3M)
<b>Total</b>		<b>26.2M</b>	<b>0.4M</b>

Other Sources: CONAGUA ; Project Sponsor (CESPM)

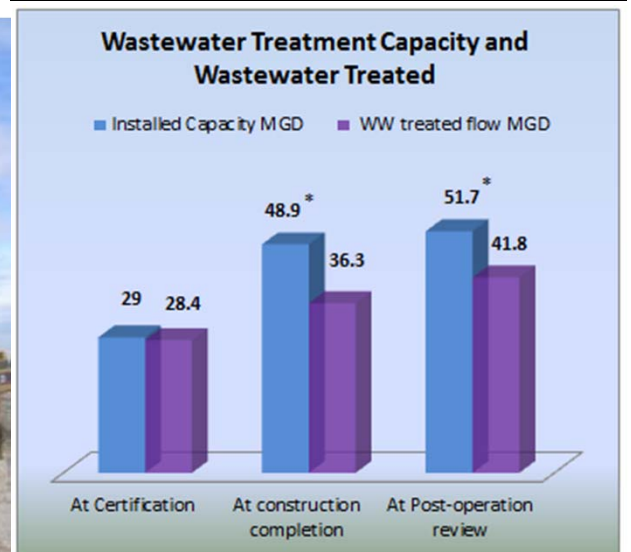
<b>Benefited population:</b>	<b>658,185</b>
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## The Results

Outcomes	Indicators	Target	Actual
Increase access to wastewater treatment services	Increased wastewater treatment capacity	20 MGD	20 MGD
Reduction of untreated wastewater discharges to water bodies	Quantity of uncollected wastewater discharges eliminated	15 MGD	17 MGD

Outputs	
Las Arenitas wastewater treatment plant	20 MGD
48" diameter Force Main (miles)	16.4
Upgraded Pump Station (20 MGD)	1

**Significant project contributions**  
100 % of WW collected is treated. Effluent discharges into a wetland and then ultimately reaches the Rio Hardy.



\*The total installed capacity includes the Zaragoza and the Las Arenitas WW