

CLOSE-OUT FACT SHEET

Project Name: Parallel Conveyance System, SAB WWTP Rehabilitation and Expansion

Certification: Jun-97

Project Location: Tijuana, Baja California

Construction complete: Aug-02

Project Sector: Wastewater

Close-out Report: Aug-13



The Pre-Project Conditions

The operation of Pump Station No.1 (PB1) was affected due to overloads that resulted in spills of untreated WW into the United States. The conveyance system, upstream to the San Antonio de los Buenos (SAB) WWTP, collected sewage from the Playas de Tijuana Lift stations and the nearby areas. The total sewage generated exceeded the capacity of the WWTP. Thus, only a percentage of the flow was treated and then mixed with untreated WW prior to discharge into the ocean. These conditions caused the SAB WWTP's effluent discharge not to comply with applicable water quality standards. The Project was referred to as the Parallel System.



The Project Objective

The purpose of the Project was to eliminate exposure to untreated or inadequately treated WW discharges by increasing the capacity of the WWTP and of the pumping and conveyance structures; thus, reducing groundwater pollution and the risk of waterborne diseases.

The Project Scope

The project consisted of the construction of a new pump station, conveyance system and the rehabilitation and expansion of the San Antonio de los Buenos WWTP from 17 to 25 MGD.

Actual Investment: US\$ (Million)	27.4M
NADB Grant: EPA BEIF	16.0M
NADB Loan	5.9M
Other Sources	5.5M

Anticipated Investment US\$ (Million)	At Certification	Variation
NADB Grant: EPA BEIF	16.0M	0.0M
NADB Loan	2.2M	3.7M
Other Sources	0.0M	5.5M
Total	18.2M	9.2M

Other Sources: CONAGUA ; Project Sponsor (CESPT)

Benefited population:	1,410,687
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The Results

Outcomes	Indicators	Target	Actual
Increase access to wastewater treatment services	Increased WWTP capacity	25 MGD	25 MGD
	Compliance with applicable norms and regulations	100%	100%
Reduction of untreated wastewater discharges to water bodies	Quantity of uncollected wastewater discharges eliminated	8 MGD	8 MGD

Outputs	
Wastewater treatment plant expansion (from 17 to 25 MGD)	8 MGD
48" and 54" diameter Force Main (miles)	3.2
48" and 54" diameter Gravity Outfall (miles)	7.6
Pump Station (50 MGD)	1

Significant project finding
Backup pump station/conveyance system offer new redundancy.

