

**Project Name:** Wastewater Collection System Rehabilitation and Improvements

**Certification:** Oct-01

**Project Location:** Tijuana, Baja California

**Construction complete:** Feb-08

**Project Sector:** Wastewater

**Close-out Report:** Aug-13



**The Pre-Project Conditions**

Continuous spills experienced in the border region due to clogging and collapses of old sewer pipes in the Tijuana River Watershed resulted in the development of a sewer rehabilitation project for city of Tijuana. The proposed areas for rehabilitation, were prioritized by CESPT in coordination with BECC, EPA, and the State of California. The prioritization criteria included sewer line condition data; overflow, repair records, and users complaints; potential wastewater discharge volumes; and proximity to the Tijuana River and the border. This project is referred to as Tijuana Sana.



**The Project Objective**

The purpose of the Project was to eliminate exposure to untreated wastewater discharges by rehabilitating existing wastewater collection lines within the proximity to the Tijuana River, reducing groundwater pollution and the risk of waterborne diseases.

**The Project Scope**

The project consisted of the rehabilitation and improvements to 81.4 miles (131,000 linear meters) of the WWC system within the Tijuana River Watershed to convey wastewater to the existing South Bay International and San Antonio de los Buenos Wastewater Treatment Plants.

<b>Actual Investment: US\$ (Million)</b>	<b>42.0M</b>	
<b>NADB Grant: EPA BEIF</b>	<b>17.3M</b>	
<b>NADB Loan:</b>	<b>5.1M</b>	
<b>Other Sources:</b>	<b>19.6M</b>	
<b>Anticipated Investment: US\$ (Million)</b>		
<b>NADB Grant: EPA BEIF</b>	<b>18.0M</b>	<b>(0.7M)</b>
<b>NADB Loan</b>	<b>6.0M</b>	<b>(0.9M)</b>
<b>Other Sources</b>	<b>18.0M</b>	<b>1.6M</b>
<b>Total</b>	<b>42.0M</b>	<b>0.0M</b>

Other Sources: CONAGUA ; Project Sponsor (CESPT)

<b>Benefited population:</b>	<b>1,012,300</b>
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CESPT estimated that this Project benefited 75% of the total population

**The Results**

<b>Outcomes</b>	<b>Indicators</b>	<b>Target</b>	<b>Actual</b>
Reduction of untreated wastewater discharges to water bodies	Quantity of uncollected wastewater discharges eliminated	1.0 MGD	1.0 MGD

<b>Outputs</b>	
Repair/Replace wastewater collection system 8" to 48" diameter (miles)	81.4

<b>Significant project finding(s)</b>
Elimination of untreated WW into the Tijuana River and Imperial Beach Estuary



