October 2009

Texas Water Infrastructure Projects - 2009

U.S.-Mexico Border 2012 Program

Goal 1: Reduce Water Contamination

Key Guiding Principle: Strengthen capacity of local community residents and other stakeholders to manage environmental and environmentally-related public health issues.

Providing First Time Drinking Water and Wastewater Service

The U.S. Environmental Protection Agency's Water Border Infrastructure Program provides grant assistance to communities along the US.-Mexico border to develop and construct infrastructure to provide safe drinking water and adequate sanitation, and to achieve water quality standards. EPA's grant funding program supports the Project Development Assistance Program (PDAP), administered by Border Environment Cooperation Commission (BECC), and Border Environment Infrastructure Fund (BEIF), administered by North American Development Bank (NADB). There are currently 5 projects under construction in Texas. These projects have received a total of $53.7 M in BEIF funding and will benefit a total population of 131,288. The projects will help meet the Border 2012 Goal 1, Objective 1 (promote a 25% increase in the number of homes connected to potable water supply and wastewater collection and treatment systems) by providing first time drinking water and wastewater service. These five projects are expected to be completed by June 2010.

Name	Project	Population Benefited	Project Cost	BIEF Amount
Eagle Pass	Water & Wastewater	45,878	$105,344,092	$17,994,097
Fabens	Water & Wastewater	7,066	$11,995,714	$6,100,177
Laredo (Webb County)	Water & Wastewater	3,725	$21,581,262	$6,231,450
Donna	Water & Wastewater	20,000	$23,343,127	$4,333,492
Pharr	Wastewater	54,619	$44,000,000	$19,000,000
TOTAL		131,288	$206,264,195	$53,659,216

In addition, five projects were completed or will be completed by the end of FY 09. The completion of these projects will benefit 62,344 people in the Lower Rio Grande Valley in South Texas and the El Paso area.

Name	Project	Population Benefited	Project Cost	BIEF Amount
La Feria	Water & Wastewater	6,115	$17,053,983	$6,952,646
Roma	Water & Wastewater	21,000	$34,177,640	$5,572,450
San Benito	Water & Wastewater	28,168	$32,444,235	$17,910,225
Mercedes	Water & Wastewater	3,885	$912,551	$912,551
Tornillo	Wastewater	3,176	$12,738,660	$5,681,062
TOTAL		62,344	$97,327,069	$37,028,934

The San Benito drinking water project consisted of the construction of a new 6 MGD water treatment plant with plans to expand it to 10 MGD which will allow the City to meet state regulations through 2025. The treatment process consists of membrane filtration technology and is one of the first of its kind in South Texas. In addition, approximately 10% of the plant's energy source comes from solar power. The wastewater component of the

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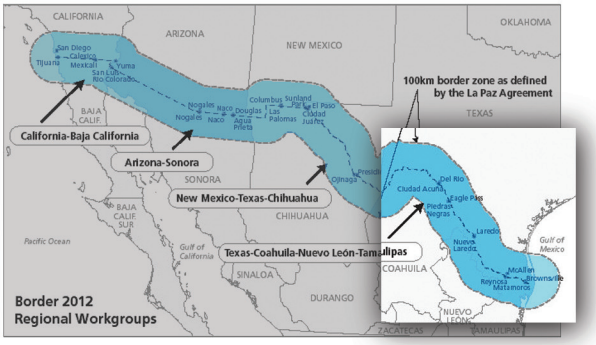
Texas - Tamaulipas - Nuevo León - Coahuila
Regional Workgroup



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In Tornillo, a new WWTP and collection lines were constructed to provided wastewater collection and treatment for first time thus eliminating the use of septic tanks and cesspools in this community. A population of 3,176 will benefit from this project.

The City of Roma project consisted in the expansion of the drinking water treatment plant from 1.5 MGD to 5.5 MG, replacement of old water lines, booster stations and storage tanks construction of a new 1.0 MGD WWTP, and construction of waste water collection lines. This project was completed in July 2009 and will benefit 21,000 people.

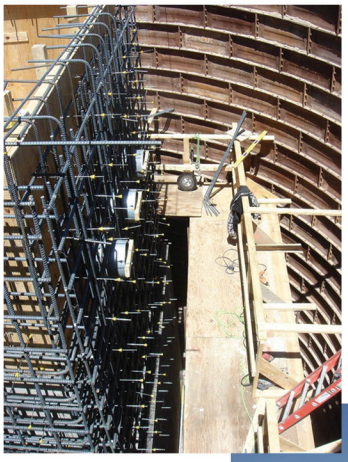
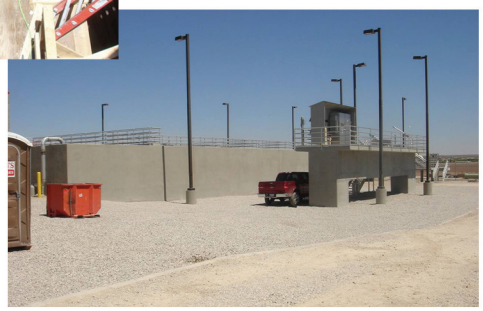
In addition to these projects, there are two projects selected for funding under the FY 07/08 Prioritization that are currently under development. The Clint Wastewater project is schedule for certification in December 2009 and the Sandhills project in July 2009.

Name	Project	Population Benefited	Project Cost	Funding Available
Sandhills (El Paso)	Water	1,400	$7,298,800	PDAD/BEIF
Clint	Wastewater	989	$4,987,722	PDAP/BEIF
TOTAL		2,389	$12,286,522	

During the FY 09/10 Prioritization process five (5) more projects were selected for PDAP only funding. BEIF will be made available to these projects when the planning and design is completed based on the availability of funds at that time.

Name	Project	Population Benefited	Project Cost	Funding Available
AGUA SUD (Sullivan City)	Wastewater	1,400	$4,112,280	PDAD Only
Military Highway WSC (Progreso)	Water	989	$3,420,000	PDAD Only
Rio Grande City	Wastewater		$1,298,747	PDAD Only
Falcon Heights	Wastewater		$7,854,000	PDAD Only
AGUA SUD (Palmview)	Wastewater		$29,737,227	PDAD Only
TOTAL		2,389	$12,286,522	

The new San Benito wastewater treatment plant was inaugurated on February 8, 2008 with an expansion to be completed in September 2009. The drinking water component of the project was completed during the 2nd quarter of FY 09 and includes solar energy which provides approximately 10% of the plant's energy.



Construction of the lift station was a major component of the Tornillo project. The City of Tornillo new wastewater treatment plants is to be completed by June 2009.