

US EPA ARCHIVE DOCUMENT

Border 2012

U.S. – Mexico Environmental Program

Goal 1: Reduce Water Contamination

Accomplishments

- Development of Integrated Water Quality Analyses for the Shared Water of the US/Mexico Border Area
 - Collected and centralized in one repository a significant amount of existing water quality data for both sides of the border.
 - Standardized the format in which water quality data for both sides of the border are collected and stored.
 - Identified data gaps in the water quality indicators for which data are being collected at the monitoring stations along the border.

Accomplishments

- Development of a Prioritization Process for Selecting Drinking Water and Wastewater Infrastructure Projects (FY05/06)
 - Process will support a more efficient allocation of available funding to border infrastructure projects
 - Process will address the most severe public health and environmental conditions in the border area
 - Process uses a two-stage approach for selecting of a project for funding
 - Environmental and public health category (1,2, 3) placement
 - In category ranking (based on both economic and project development status parameters)

Accomplishments

- Development of a Reporting and Tracking System for Water and Wastewater Service Connections for U.S. Homes Within the US/Mexico Border Area
 - Data generated and tracked with a baseline year of 2003
 - Residences/population connected to a safe water supply and appropriate sewer and wastewater treatment
 - Residences/population served by an onsite regulated water well and appropriate onsite wastewater treatment system
 - Residences/population without acceptable water and sewer service

Accomplishments

■ Major Water and Wastewater Projects Funded Since 2004

■ Mexicali, Baja California (Wastewater System)

- Project will eliminate 14 million gallons per day of raw wastewater discharges to the New River
- Population served will be 239,000 people
- Project will provide an additional 58,300 homes with wastewater service connection
- Currently under construction (estimated completion FY06)

■ Nuevo Laredo, Tamaulipas (Water/Wastewater System)

- Project will eliminate 4.5 million gallons per day of raw wastewater discharge to the Rio Grande
- Population served will be 310,000
- Construction will include new wastewater and water treatment plants
- Currently under construction (estimated completion FY07)

Priorities For 2006 and Beyond

- Development (planning, design) of 24 new FY05/06 prioritized projects
- Continue to improve trans-boundary surface water quality through the completion of 54 projects which are current under construction
- Continue to provide US/Mexico border homes which lack access to wastewater sanitation and safe drinking water services through the completion of 54 projects which are currently under construction
- Begin the prioritization process for new projects that are to be financed under the anticipated FY07/08 border infrastructure funding