

IBWC Citizens Forum

Binational Projects Report

Imperial Beach, Nov. 14, 2006

Oscar Romo

Coastal Training Program Coordinator
National Oceanic and Atmospheric Administration
Tijuana River National Estuarine Research Reserve

Sediment Control

Present Situation

Smugglers Gulch and Goat canyon, are regularly impacted by alluvial sediments and pollutants transported by storm water from Mexico. This flows diminished wetland habitat in the TRNERR

Vision

Develop low cost, pilot projects to reduce erosion at the source, identify appropriate sites, to build and maintain sediment basins in Mexico. Help create public policies and city ordinances for erosion control in Mexico

Objectives

- 1.- Develop alternative slope stabilization measures in the selected areas as examples of good practices
- 2.- Work with the Tijuana city council to develop city ordinances and modifications to the present construction codes
- 3.- Identify funding sources and political support for the construction of Sediment Basins at selected sites in the watershed















FORME ZRANO →

Sewer

Present Situation

Untreated sewage has created a series of human health and environmental problems impacting communities downstream both in Mexico and the U.S.

Vision

Establish an alternative plan to bring sanitation services to communities without access to basic infrastructure to minimize impacts to human health and to ensure environmental

Objectives

- 1.- Develop a "condominal" pilot project on a selected site to demonstrate its feasibility
- 2.- Seek a technical partner to develop the engineering design
- 3.- Obtain the discharge permits from the appropriate authorities
- 4.- Operate the system in partnership with the water authority









Trash

Present Situation

Tire and trash accumulation is severe and is threatening natural resources throughout the Tijuana River Valley. Last year, over 4000 tires were collected at the mouth of Goat Canyon, located at the TRNERR

Vision

Establish a trash and tire recycling program in Mexico to eliminate flows of debris into the Tijuana Estuary. Develop public policies and agreements between Mexico and the California integrated Waste Management Board.

Objectives

- 1.- Improve trash collection in Mexico
- 2.- Develop mechanisms for cleaning trash and tires so they can be recycled
- 3.- Develop mechanisms for limiting the spread of trash as it reaches the Tijuana Estuary, making it easier to collect
- 4.- Help develop city ordinances in Tijuana for the appropriate use of tires for retaining walls







Conservation Easements

Present Situation

Canyons, creeks and flood planes, subject to rapid degradation are being rapidly urbanized. As these areas are not suitable for development, loss of habitat and soil create hazardous conditions.



Vision

Create several conservation easements at selected sites to help maintain the ecological character of sensitive areas as well as to reduce environmental degradation of the watershed.

Objectives

- 1.- Identify potential sites for conservation easements in the vicinity of the Tijuana Estuary
- 2.- Obtain the “Conservation Easement” designation from the appropriate authorities in Mexico, the State of Baja California and “Open Space” designation from the Tijuana City Council.
- 3.- Establish management plans for the easements
- 4.- Seek further levels of protection from national and international agencies.





Regional Planning

Present Situation

Unplanned urbanization, lack of functional and spatial articulation, lack of basic infrastructure conditions of marginality and extreme poverty, create unprecedented environmental degradation



Vision

A plan for urban improvement based on geographical features (i.e. watershed boundaries), will potentially change the perception of urban planning, and city ordinances, to identify and conserve ecologically fragile areas

Objectives

- 1.- Assess the physical elements that constitute the natural subsystem
- 2.- Prevent, control, correct and or reverse imbalances in the natural subsystem
- 3.- Establish a spatial definition to define appropriate land uses
- 4.- Create a risk and vulnerability index for the region (sub-basin)
- 5.- Strengthen the mechanisms of interaction between government and civil society
- 6.- Turn recommendations into public policies







REUNION DE LA AUTORIDAD ADMINISTRATIVA
RESERVA DEL RIO TIJUANA
MEX - USA

Para que estes bien y...

TIJUANA, B.C. 1 DE SEPTIEMBRE DE 2005





ASUME TU COMPROMISO
EL PUBLICO ESPERA CALI





Primer Encuentro Internacional "Agua y Cine"
Premiere Rencontre Internationale «Eau et Cinema»
First International "Water and Film" Event

En el marco del IV Foro Mundial del Agua



Encuentro Internacional «Agua y Cine»
International «Water and Film» Event
Rencontre Internationale «Eau et Cinema»



En el Centro Banamex y en la Cineteca Nacional Del 17 al 21 de marzo del 2006



EAUDEPARIS



Académie de l'Eau



La secretaría internacional de IAWP
The International Secretariat for Water
El secretariado internacional del agua



AL FILM DE L'EAU

CONACULTA - CINETECA NACIONAL