

California Regional Water Quality Control Board,  
San Diego Region

September, 2006

# Tijuana River Watershed and Border Region Issues

California Regional Water Quality Control Board,  
San Diego Region  
September, 2006

- The Tijuana River Watershed
- Population and Growth in Mexico
- Regional Water Quality Programs
- International Wastewater Treatment Plant
- SWRCB, CalEPA and USEPA Programs
- Regional Board Expectations

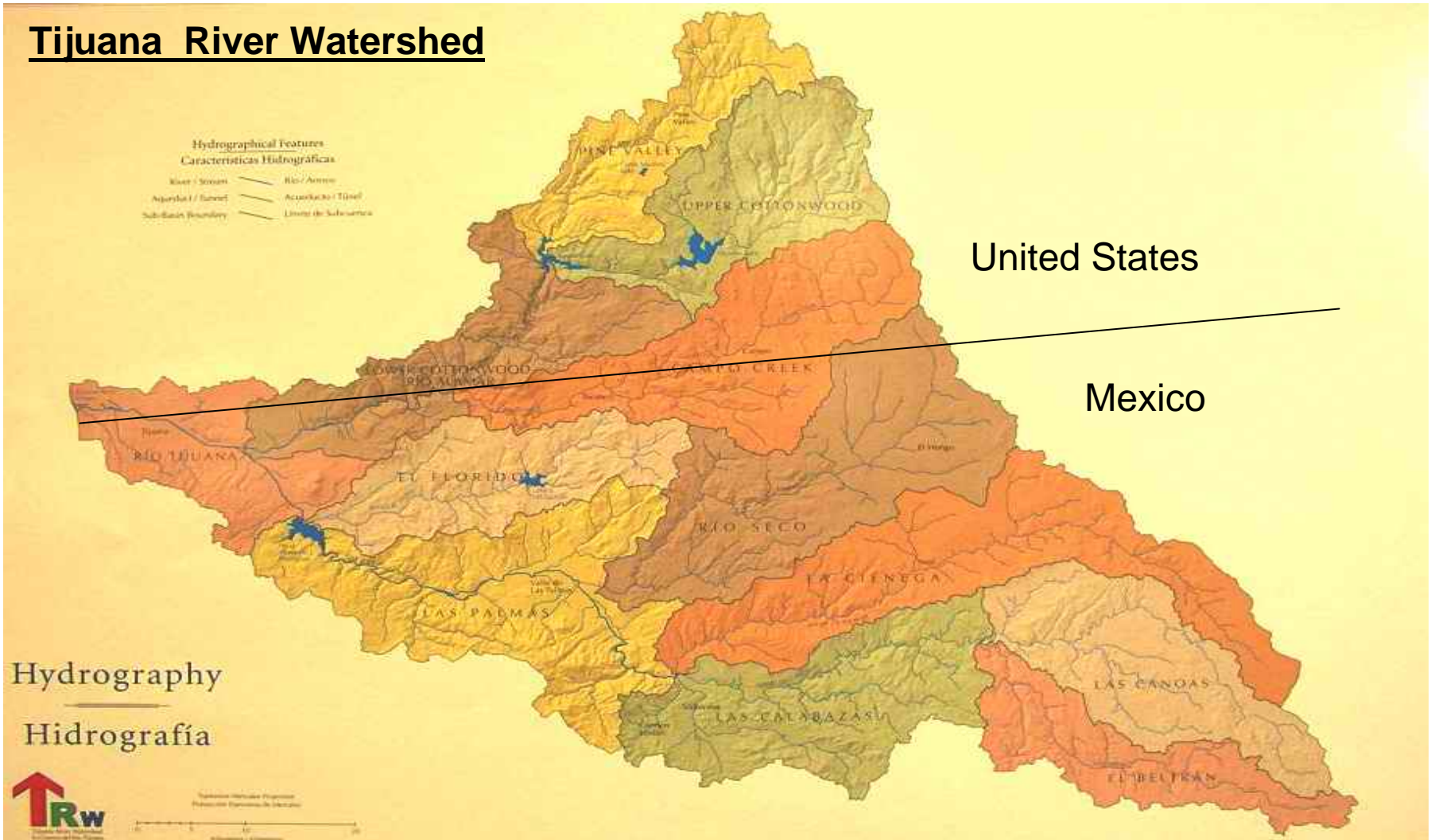
California Regional Water Quality Control Board,  
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- **The Tijuana River Watershed**
  - Key Features
  - Natural Resources
  - Hydro modification
  - Impacts from Pollutants
  - Environmental Restoration Efforts

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## Tijuana River Watershed

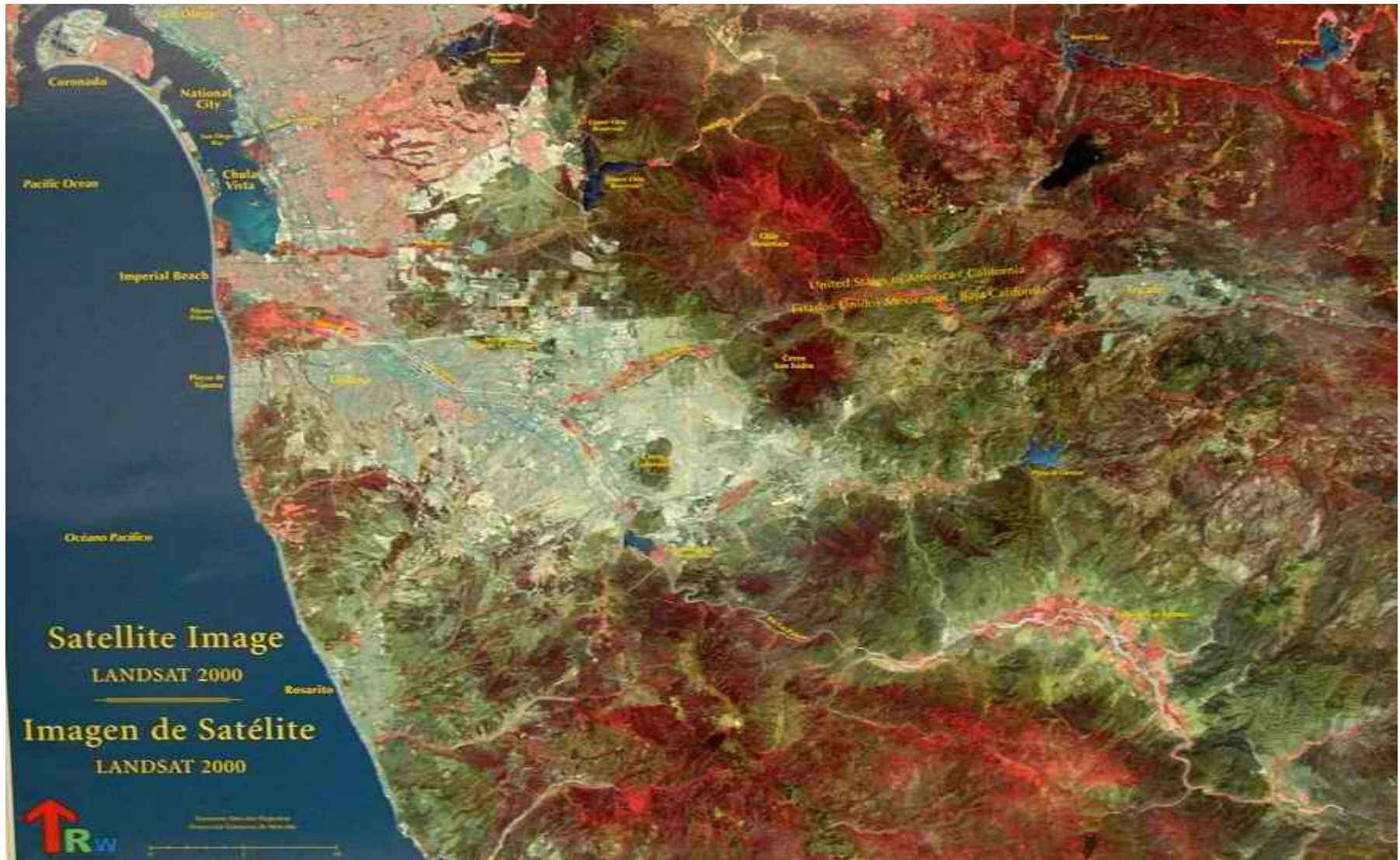


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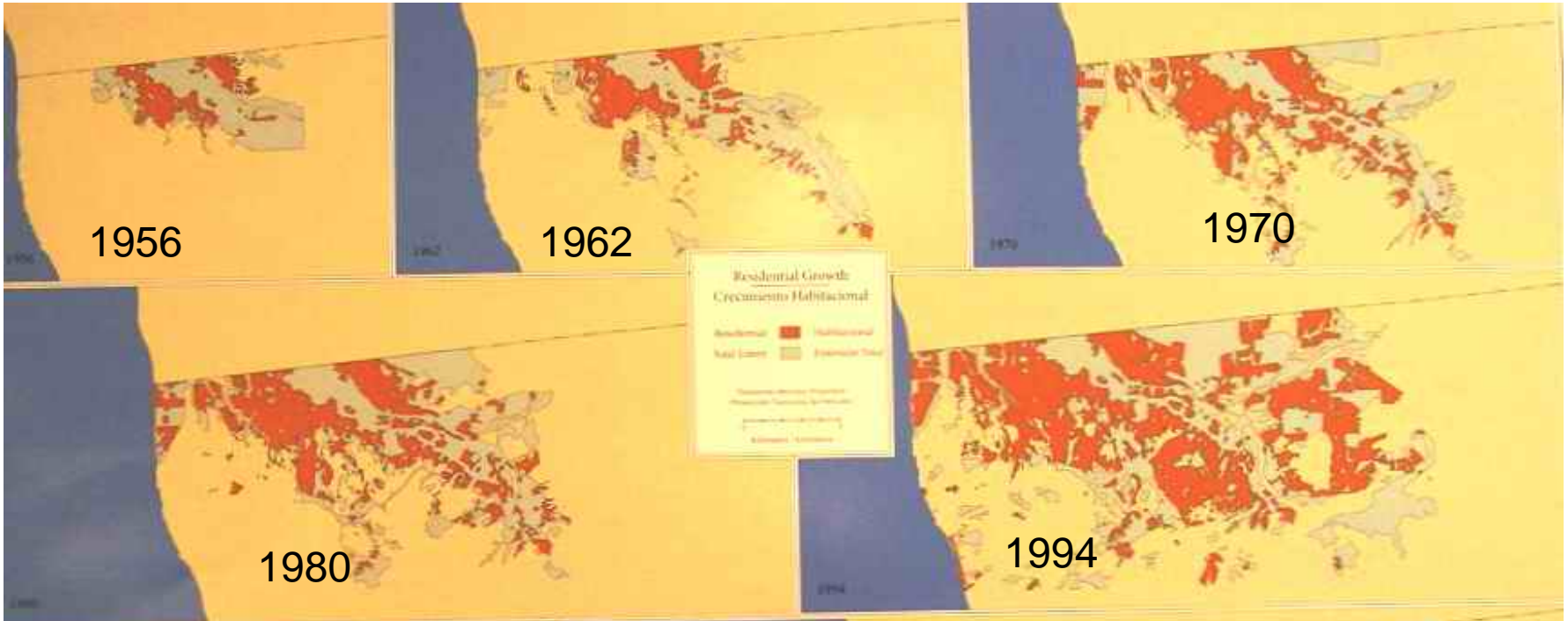
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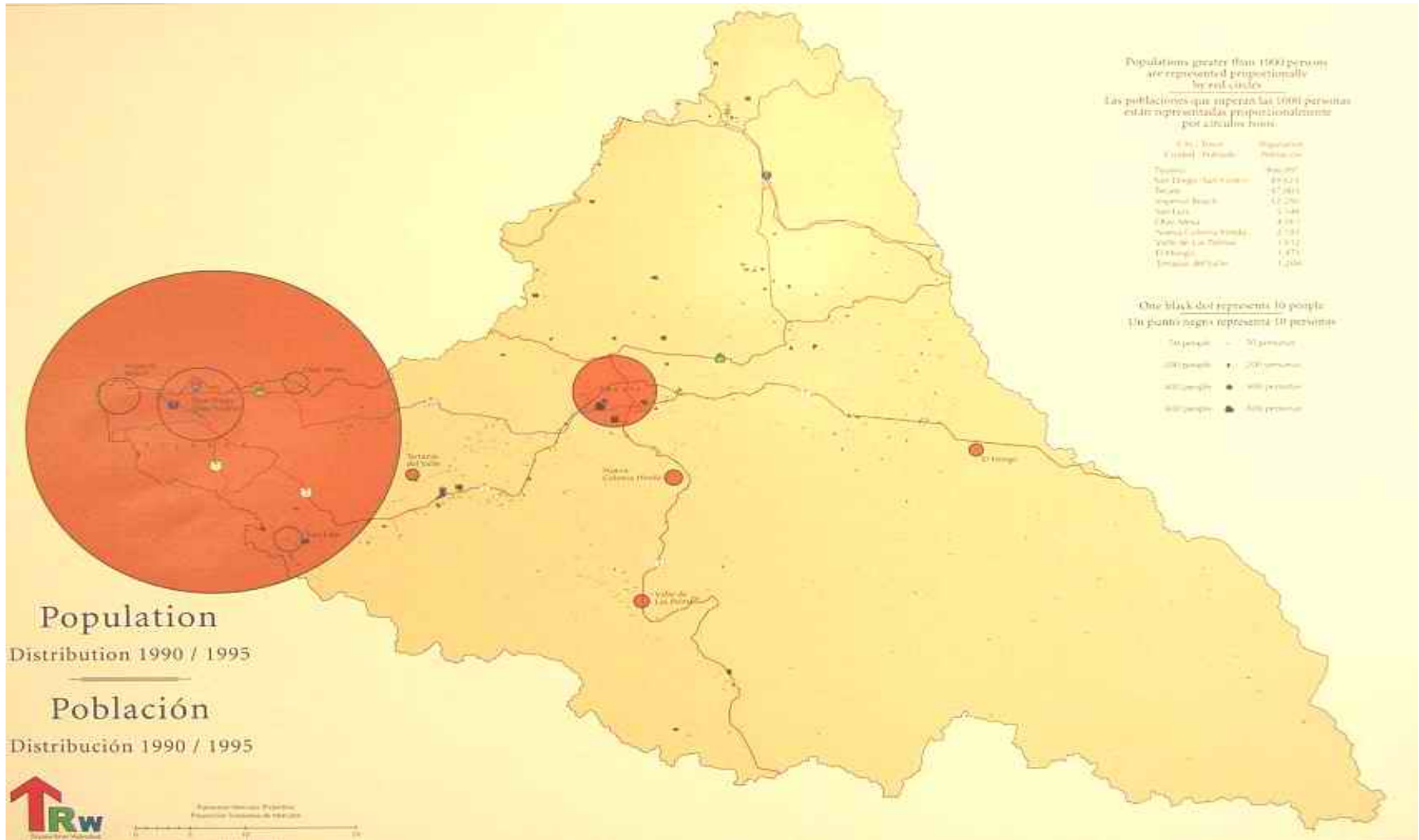
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  - Attraction to U.S. Border and Jobs
  - Water Supply & Sewage Infrastructure
  - Dense Population and Industry
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  - Briefings by Mexican Officials

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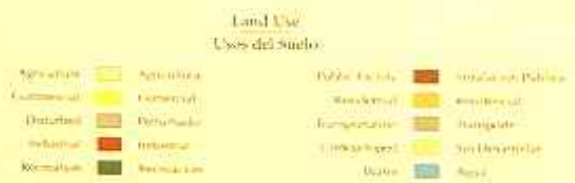


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**Canyon Land Use**  
Sediment Contribution

**Usos del Suelo en los Cañones**  
Contribución de Sedimentos

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- Regional Water Quality Programs
  - NPDES Permits for IBWC, SBRF
  - Wetlands Recovery Program
  - WDRs, UST, Landfill Sites
  - TMDL concerns
  - 401 Cert. /Border Fence Project

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- International Wastewater Treatment Plant
  - NPDES Permit in 1996 for Secondary Treatment
  - Primary Treatment for 25 MGD
  - Urban Runoff Diversions to IWWTP
  - Discharging via SBOO Since 1999
  - Effluent Violations for Toxicity and TSS
  - Lawsuit Filed in 2001
  - No Fines or Coercive Penalties

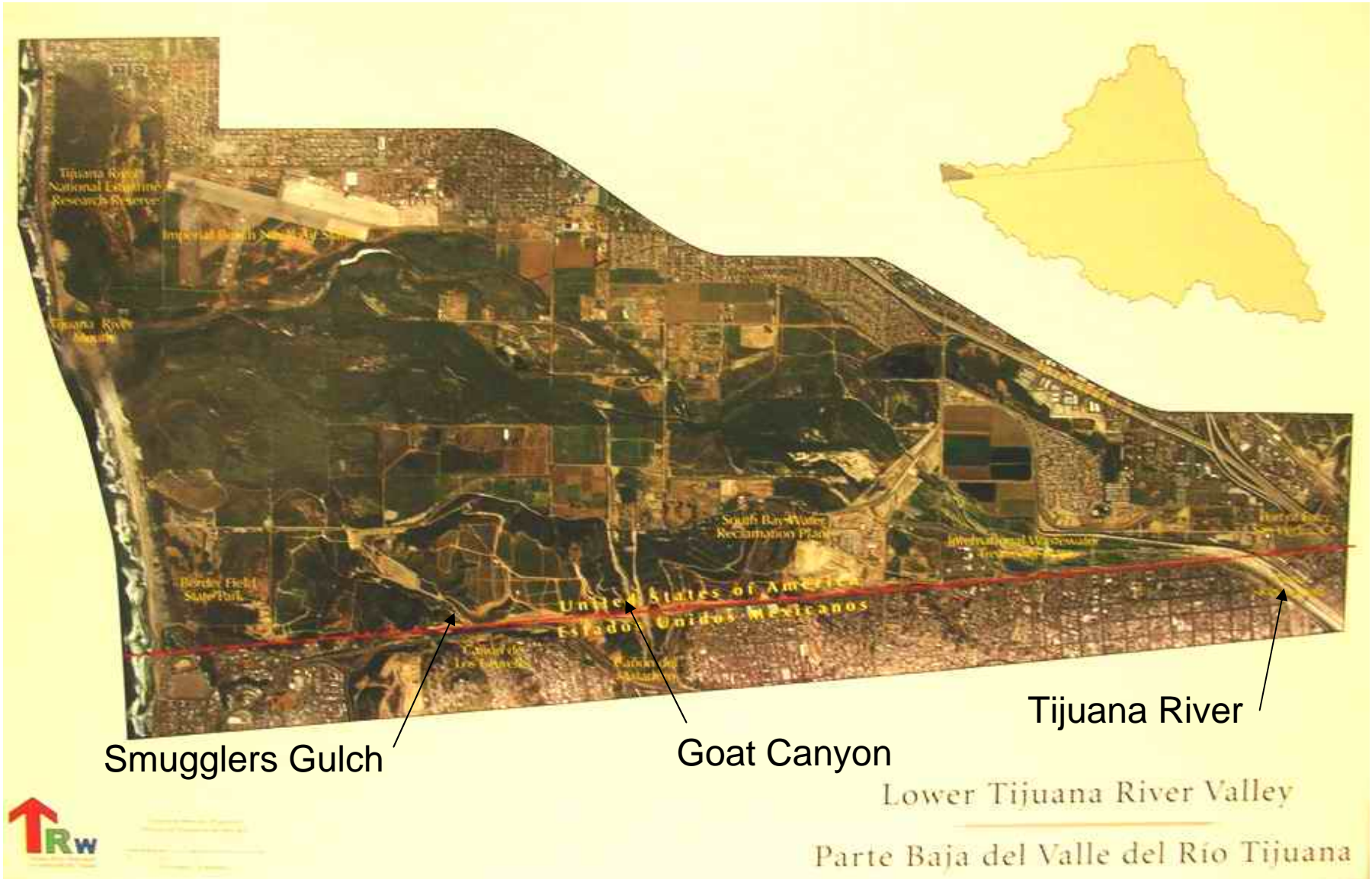


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Smugglers Gulch

Goat Canyon

Tijuana River

Lower Tijuana River Valley

Parte Baja del Valle del Río Tijuana



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- **SWRCB, CalEPA and USEPA Programs**
  - Reliance on IBWC Protocol with Mexico
  - SWRCB Border Program
  - Mexico and Tribal Lands Liaison
  - Non-Regulatory Activities are Significant
  - Tijuana Water/Wastewater Master Plan
  - U.S. and Cal BEC Infrastructure Projects
  - Japanese Credit Projects
  - City of San Diego Cooperative Projects

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- **Regional Board Expectations 3-5 Years**
  - IBWC Complete Secondary Plant for 25 MGD
  - Border Fence Construction Completed
  - 303d listings and TMDL Development
  - Development in Pine Valley/Cottonwood HAS
  - AB 966 Means Greater Liaison with Mexico
  - Continued Restoration of Tijuana River Estuary
  - SWRCB+CalEPA+USEPA Support & Coord.

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