

# Tijuana River Watershed Efforts

## US Army Corps and City of San Diego Partnership Update

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*IBWC Citizen's Forum*

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# *Current Efforts*

## **Planning Assistance to States (PAS) Study on the Tijuana River**

- ❖ ***PAS Studies*** are technical studies that support planning efforts and construction projects conducted by local sponsors
  
- ❖ ***Phase I - October 2015 - January 2018***
  - Baseline conditions mapping (GIS and LiDAR)
  - Hydrologic Flood Frequency Analysis
  - Floodplain and Sediment Transport modeling
  - \$200k effort cost shared between the City and USACE
  - Draft Report is currently in the process of being finalized with the City



# Current Efforts

## Planning Assistance to States (PAS) Study on the Tijuana River

- ❖ *Phase I completion will overlap into Phase II, building on findings and analysis from Phase I and expanding data collection and modeling into the watershed and Mexico (provided it is obtainable).*



US Army Corps  
of Engineers.  
Los Angeles District

PLANNING ASSISTANCE FOR STATES

HYDROLOGY, FLOODPLAIN AND SEDIMENT TRANSPORT  
DRAFT REPORT

### TIJUANA RIVER

U.S.-MEXICO INTERNATIONAL BORDER TO THE PACIFIC OCEAN  
SAN DIEGO, CALIFORNIA



APRIL 2017



# ***Future and Potential Studies***

## ❖ ***Phase II - January 2018 (tentative start date):***

- Expands Phase I effort
- Includes additional information from Mexico, IBWC, other agencies, as well as sediment sampling
- Models existing and future conditions hydrology and hydraulics based on current and proposed build-out land uses as well as other physical watershed characteristics and historical precipitation and runoff records.
- Adds Goat, Smuggler and Yogurt Canyons to the existing floodplain and sediment transport models.



8: Tijuana River looking east (upstream) from Hollister concrete Bridge

# ***Future and Potential Studies***

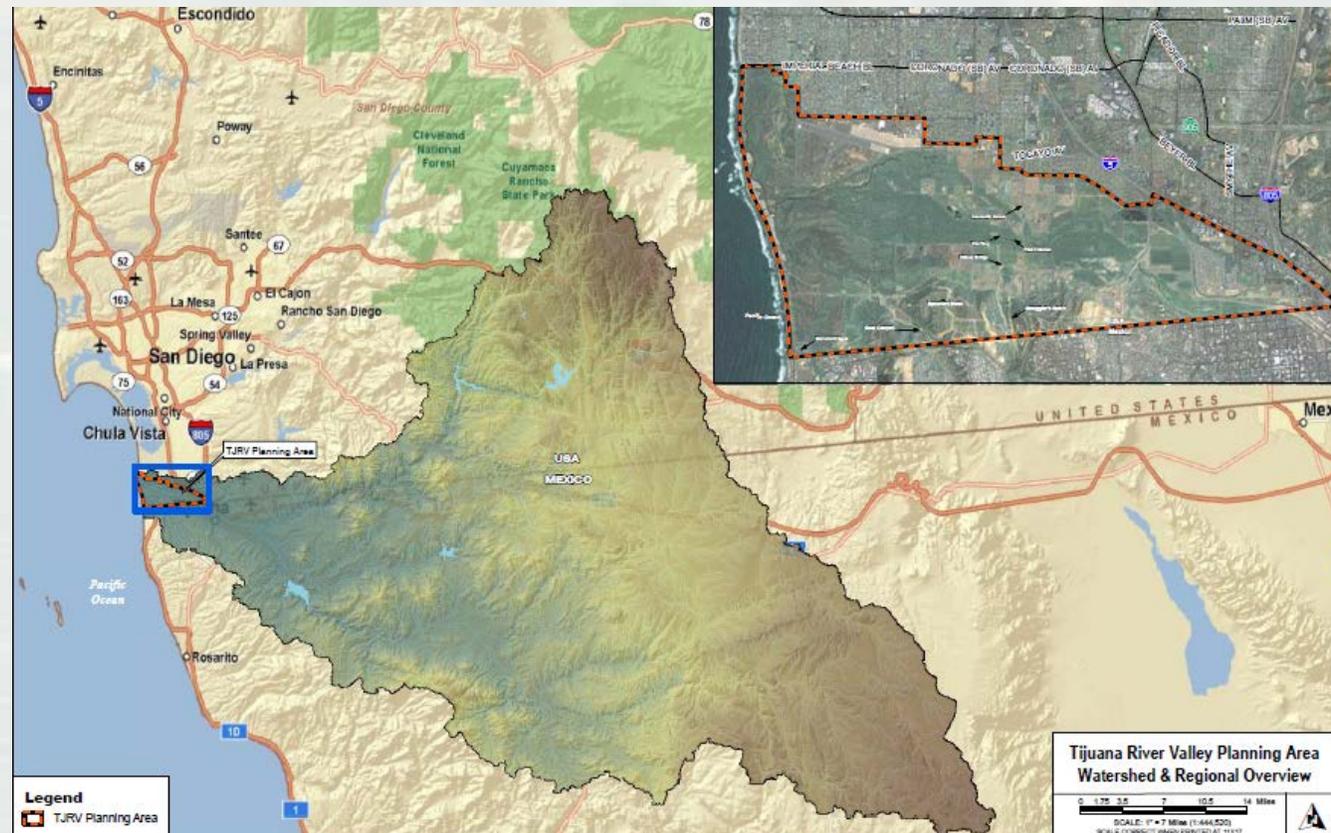
- ❖ ***Phase III- October 2018 (tentative date to request funds):***
  - Sediment Management Study for Tijuana River Valley
  - U.S. side of border and will involve IBWC & partner agencies
  - Will study sediment issues within 1,750 square mile coastal watershed



# Future and Potential Studies

## ❖ *New Start Feasibility Study*

- City of San Diego request for study of Flood Risk Management, Ecosystem Restoration & other purposes



THANK YOU.

QUESTIONS?

