

USIBWC YUMA, ARIZONA FIELD OFFICE





MEXICO

Colorado River at the Northerly International

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MX

Southerly International Boundary

U.S.

River gages along the Colorado River







COLORADO RIVER SALINITY CONTROL

- Minute 242 (1973) regulates the salinity of water delivered to Mexico
- Water delivered to Mexico must be similar in quality to water delivered to U.S. users at Imperial Dam
- Collect water samples and calculate monthly and annual salinity differential between Imperial Dam in the U.S. and Morelos Dam in Mexico to assure compliance with Treaty and Minute requirements. Minute 242 sets forth the measure to assure the Colorado River waters delivered to Mexico upstream from Morelos Dam has a flow-weighted average annual salinity of no more than 115 ppm +/- 30 ppm U.S. count (121 ppm +/- 30 ppm Mexico count).



COLORADO RIVER SALINITY CONTROL

- Additional measures were undertaken to reduce salinity or even out salinity spikes at the Southerly International Boundary
 - Construction of a diversion canal into the Wellton-Mohawk Drain
 - Installation of a variable speed pump and automatic controllers for remote operation of the system
 - Purchase of equipment for Reclamations continuous monitoring of salinity

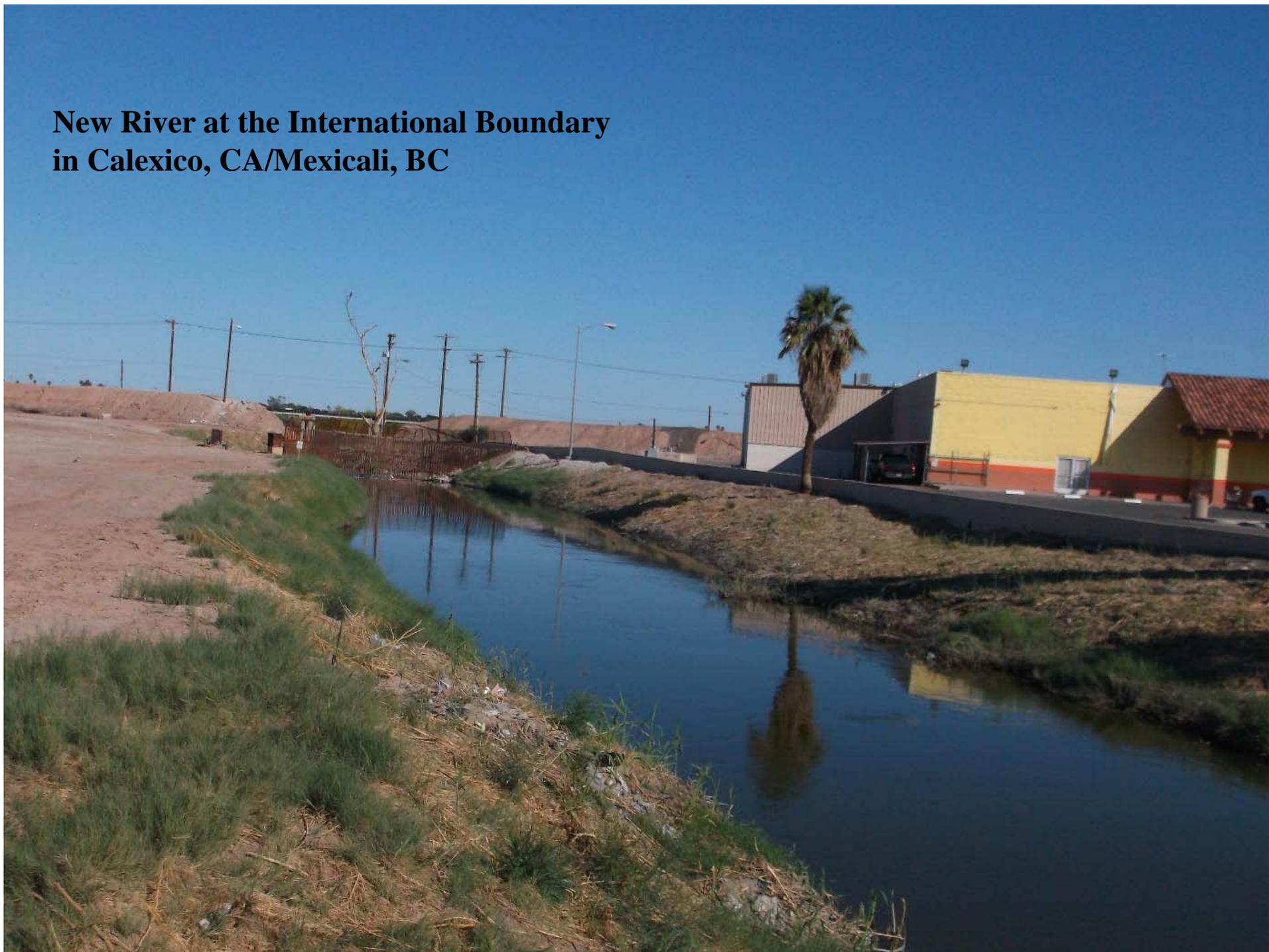


Mexico

United States



**New River at the International Boundary
in Calexico, CA/Mexicali, BC**







SAN LUIS, AZ/SONORA POE





INTERNATIONAL BOUNDARY AND
WATER COMMISSION

UNITED STATES AND MEXICO
UNITED STATES SECTION

**Thank you
Questions?**

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