

Municipio de Tecate

Agencias Gubernamentales y Desafíos Locales en la Cuenca / Government Agencies and Local Challenges in the Watershed
Gestión de la Cuenca Binacional del Río Tijuana: Un Taller / Managing the Binational Tijuana River Watershed: A Workshop
Mayo / May 14-16, 2013, Tijuana (Hotel Lucerna) & Imperial Beach (Estuary Visitors Center)

The Tecate River flows through the urban city of Tecate in Baja California, from east to west Baja California, stretching out an approximate length of 12 Km as it divides the northern from the southern part of the city.

According to data from the meteorological station of the National Water Commission (CNA) the accumulated average annual rainfall amounts to as little as 345 mm, which flows downstream only during rainy days, leaving the river bed dry during most of the year.

For topographical reasons the urban runoff and waste water flow into the Tecate River and are carried by a wastewater collection system located under the bed of this river. This waste water is piped to the Wastewater Treatment Plant (PTAR) where it is treated and reintroduced back into the Tecate River downstream. This volume of water has generated a green corridor which stretches westward all the way to Alamar Creek in the City of Tijuana, Baja California.

We are considering the possibility of prolonging this green corridor also upstream by pumping treated wastewater, in an east bound direction all the way up to the San José Bridge.

This would provide an additional 8kms of green corridor for recreational use, aside from disposing of water for landscaping and the proliferation of wildlife, alongside the river bed. Aside from all of these benefits, the pumping of this resource upstream will add oxygen to the wastewater.

Tecate has 304,489.94 m² of parks and gardens within the city, which represents only 0.85% of the urban surface. With this green corridor and under the name of River Park, we could add 480,000 m² to the green areas of Tecate.

The cost of this investment is estimated at approximately \$4, 000,000.00 Mexican pesos.