

Project Update: January 2018

We monitored the Atoyac River during the rainy season, in the municipalities of Telixtlahuaca, Huitzo, Cacaotepec, Amilpas, Oaxaca and Xoxocotlán. We sampled three sites into each municipality using multi-habitat method. We found major diversity of macroinvertebrates, indicators of good quality, in the places where Atoyac River has tributary rivers, and these were not close to the towns.

The places with best water quality were in Telixtlahuaca but near to the mountains, Huitzo and Cacaotepec in the sites with tributary rivers to the Atoyac, which have low levels of contamination, generated mainly for soap and organic material in decomposition.

The lower water quality levels and the highest contamination occurred in the municipalities of Oaxaca and Xoxocotlán. In addition, we obtained bad quality in the sites with discharges of wastewater in Telixtlahuaca, Huitzo, Cacaotepec and Amilpas, since the water treatment plants are not working.

The evaluation of physicochemical characteristics showed the same results.



Tributary River of the Atoyac – SLC



Atoyac River - SJA bad water quality