

Abstract

For the project, we went to the Shing Mun, Lam Tsuen, and Kai Tak Rivers to collect water samples. After using the collected water to house zebrafish for a while, we discovered that the LC50 for Lam Tsuen River downstream, Kai Tak River downstream, and Shing Mun River upstream is 85.2%, 61.1% , and 63.3% respectively. The results show that the Lam Tsuen River is the least toxic, the Shing Mun River is the most toxic, and the toxicity of the Kai Tak River is in between the two. So the river revitalization was the most successful at Lam Tsuen River.