

Summary

Potok Goławiecki (a river in the province of Silesia) is polluted in a way typical for the Upper Silesian industrial zone. It is the river into which the Ziemowit coal mine discharges its salt waters and it also receives municipal sewage. Changes in the values of selected indicators of water quality for Potok Goławiecki along its course were determined in the paper. It was found that the hydrochemical character of the water in Potok Goławiecki depended strongly on salt water discharges from mines, which were the main factor disturbing the river's natural environment. The pollution of the river makes its water non-potable, and excludes its use even in industry.