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Seasonal variation of Physico-chemical properties of Arpa River in Chhattisgarh

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ABSTRACT

The water of river which is running through industrial area may be contaminated by industrial effluents and the chemical property may be changed due to imbalance of homeostasis among constituents of river water. The sampling was made for over a period of 12 months in different stations. Some of the properties were not changing by the industrial pollution. BOD, COD, TDS and nitrite nitrogen of Arpa River is not changing during the year whereas the pH, Ammonia, Nitrite nitrogen, total solids, dissolved solids, total phosphate, sulphate and total hardness changes during the year.

Keywords: Water, Chemical properties, Industrial effluents, biotic community, Atomic absorption spectroscopy.
