

A Physico-Chemical Assessment of Water Quality at Two Locations of River Chambal in Dholpur (Rajasthan)

V. K. Jain¹, M.K. Singh² & Kapil Shrotri^{1*}

¹Department of Chemistry, Ambah P.G. College, Ambah, Morena- 476111 (India)

²Department of Chemistry, Govt. P.G. College, Dholpur-328001 (India)

Abstract: The present study deals with Physico-chemical characteristic of Chambal river water in national sanctuary region of Rajasthan, at Dholpur District, India. The study is aimed to evaluate the various physico-chemical characters as well as seasonal effects on water quality parameters like pH, hardness, BOD, COD, DO, calcium, magnesium, sodium, potassium, chloride, fluoride, sulphate, phosphate etc. along with some heavy and Trace metals within the sanctuary area. The analyzed water quality data indicates that the Chambal river water at two location is pollution free except exceeding value of lead i.e. 0.03 mg/l. Thus the Chambal river water can serve as a good habitat for many aquatic flora and fauna.

Keywords : Chambal River Water, Heavy Metals, Physico-chemical Parameters, National Chambal Sanctuary etc..

Kapil Shrotri *et al* /International Journal of ChemTech Research, 2017,10(13): 242-249.
