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Assessment of the Quality of Sewage Effluent of Nira River Around Satara and Pune District of Maharashtra - India

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Abstract: *Due to industrialization, adverse man made activity and agriculture practices the water of the Nira River around Satara and Pune district (M.S) India is being highly polluted with various contaminants. Water is essential to all kinds of life. Human being cannot survive without it and that is why study of water from different aspects becomes important. It is necessary to know details about different physico-chemical and biological parameters such as Temperature, P^H, Conductance, TDS, Total hardness, chloride, sulphates, phosphates, DO, COD, BOD, acidity, alkalinity used for assessment of the quality of sewage effluent. In the present work water samples were collected from five different sampling stations of Nira River around Satara and Pune district of different seasons and water quality assessment was carried out.*

Keywords: Contaminants, Dissolve Oxygen, Biological Oxygen Demand, Chemical Oxygen Demand Sewage Effluent

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